

# From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

**CLUB CONVENTION...**As promised, Bob Seybold put on another one of his down-on-the-farm DX outings this year, his fourth WTFDA convention. The gettogether, held in Dunkirk, NY August 5th-7th, even featured a great tropo DX opening, which developed as the convention came to a close. By that Sunday evening, FM and UHF TV out to eastern Wisconsin was noted by those who remained, and a handful of amazed DXers noted an auroral disturbance--and saw it in the sky, in the form of the "Northern Lights." To top it all off, those who remained until Monday morning were able to watch UHF TV tropo into Iowa, and VHF TV and FM to Northern Ontario. A report on the convention will appear in a future VUD.

**BID NOW FOR '84...**Those members interested in hosting WTFDA's 1984 convention are asked to write to club HQ for convention bid forms. Deadline for bidding will be November 1, 1983. If more than one bid is received by that date, the site will be decided by member vote. Are you interested in hosting the 1984 club convention? Contact us now!

**SUPER DX SUMMER?**...It looks like the DX season has turned out to be better than previously expected by many. E-skip made a late comeback of sorts, though most good skip was limited to the center and southern parts of the continent. The huge mid-continent summer heat wave, the most extensive and intense in years, finally started to spin off some great tropo openings in August. Watch for reports!

**NEW UHF SUPER-AMP...**The TV DX community is starting to buzz about the incredible Winegard PA-4975, a broadband MATV-type UHF preamp introduced in 1982, but only recently redesigned. It features an outstanding noise figure (typically only 1.0 dB!!), with high gain (approaching 30 dB). Strong-signal handling is not a good as their AC-4990, but is said to be much better than the Blonder-Tongue CMA-Ub. Several DXers are now using the PA-4975, and report very impressive results. We'll feature a detailed report soon!

**BITS...**TELEVISION NEWS editor Bill Fahber has plans in the works for a new WTFDA UHF translator guide...EASTERN TV-DX's Bill Draeb is assisting in preparations for a new edition of the WTFDA TV STATION GUIDE...FCC FM NEWS and FM ATLAS author Dr. Bruce Elving is offering a great new FM "goodies" catalog to enthusiasts (see page 49)...

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This month's cover by Dave Nieman.

## ANARC UPDATE

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LETTER FROM ANARC '83- Details of the 1983 ANARC Convention.

The ANARC Convention has just concluded on what probably was the hottest weekend in Washington D.C. The heat and humidity, while bothersome outside, was not a problem inside the Westpark Hotel in Rosslyn Va.

About 300 members of the DX and the radio listening hobby were in attendance including several prominent DX'ers. Glenn Hauser was there with his Review of International Broadcasting. Dr. Richard E. Wood brought along several books of QSL cards, many from stations heard while in Saudi Arabia. Several International broadcasting stations were represented. Ian McFarland was there from Radio Canada International, as was Jeff White of Radio Earth, Pat Gates and Phil Irwin of the Voice of America, and Joe Costello of WRNO-FM and WRNO-Worldwide. Several WTFDA members were in attendance including Greg Monti and Tom Yingling. I met several people interested in FM and TV DX. Hopefully, we will gain a few new members from the convention.

Friday's agenda started with several club and equipment displays. We, unfortunately did not have a display. This will be changed in the future. Also, there was no equipment display for FM and TV DX'ers. This is a harder problem to solve. (Any suggestions?)

Next was the Club Representatives meeting. Discussed were the activities of the various ANARC committees, the problems of the Handicapped Aid Program, and the proposed revision of the ANARC constitution. The constitution was tabled to allow more time for the clubs to study it.

Friday concluded with a wine and cheese party. This gave me a chance to meet many of the people attending the convention. It also gave me a chance to show off my TV DX pictures and to talk about FM-TV DX. I tried to promote WTFDA as much as possible. I think I got several people interested in joining.

Saturday's agenda was made up of a series of seminars. Most dealt with aspects of the Shortwave DX and listening hobby. There were seminars on publicizing radio listening, trends in broadcasting, equipment and listening, and computers in the radio listening hobby (I went to search Rosslyn for a TV Guide during this seminar. I'm glad to report that I was successful). Joe Costello hosted a seminar on Commercial Shortwave Radio.

One hour of the afternoon was spent in "freewheeling discussions on various aspects of the DX hobby". None of the agendas or the literature that was sent out listed a session on FM and TV DX. I was promised that there would be one. There was a sign-up sheet for an FM-TV session. But, no moderator was chosen, so I became the moderator. We did have seven people at my session. This gave me another chance to publicize our club.

The final seminar was a Broadcaster's Forum. Several shortwave stations were represented including Radio Canada International, the BBC, Radio Netherlands, Radio Sweden, Radio Beijing, and the Zambian Broadcasting Service. It was very interesting to hear how their stations operate.

The major event of the convention took place on Saturday night, the banquet, presentation of ANARC Awards and the raffle. Key note speakers at the banquet included Pat Gates and Joe Irwin of the VOA and Joe Costello of WRNO. Awards were given to Roger Legge for Shortwave DX'er of the Year. It seemed that every time they picked a ticket at the raffle it was for Terry Colgan, ANARC's Executive Secretary. Over 90 prizes were given out, including books, records, Delth China, and a \$600. Sony shortwave receiver.

At my table at the banquet was Zhang Shuxiong, the representative of Radio Beijing. Presently he is studying journalism in Missouri. I asked him what the Chinese thought of Americans, what type of picture does our international broadcaster portray and what he thought of American media? He thought our news on television portrayed ourselves accurately. I just hope he does not go around thinking that we like to murder each other.

After the banquet, several of us sat in on what was to be a live interview on Ian McFarland and Joe Costello over Radio Earth in the Dominican Republic. Unfortunately, the Radio Clarin transmitter had broken down and the interview had to be taped.

Sunday's agenda consisted of two items- the general business meeting and the HAP auction. At the general business meeting, a site for the

(continued on page 7)



# ANTENNA NEWS

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September 1983

Dear Fellow DX'ers,

I hope everyone who attended the convention had a great time. I also hope that my catalogs were of some use to you. One item that is never in any catalog but is the most important part of any antenna installation is the little yellow and red warning sticker. My friends, this is one thing I hope you will always remember about putting up antennas - it is DANGEROUS! As we have talked about all sorts of mounts in this column and maybe have inspired you to do a little work on yours, I feel it necessary to reinforce what you already know - BE CAREFUL. PLEASE. Thank-you.

## MEMBERS' INPUT

Thanks Rob Grant for the phone call & I'm sorry I had to run. I am still trying to sort out the UHF parabolic height thing and as far as I can tell it doesn't have to be any certain height above the ground to work properly. TVRO dishes work right at ground level so why should UHF be any different? I also will see what I can dig up on helical antennas and put something together for a later column. Thanks for the suggestion. Thanks also to Bill Thompson for his letter, it meant alot to me to hear some words of encouragement. The Channel Master and Jerrold switches you mention are both made by Arvin I believe and are the same switch. I think Arvin makes the same switch for others also.

A couple of months ago I wrote concerning my views on local antenna dealers. Thanks to David Wilson we have this report of what happened to him on July 26, 1983: ...I went into the Radio Shack in Indiana, PA. A customer was complaining to the salesman that he had his TV antenna atop a large hill but still had poor UHF reception. The salesman said that was expected as his antenna was too high and high frequencies like UHF stay closer to the ground. I confronted the salesman who was quite insistent that he was correct. He explained that UHF was line-of-sight meaning it stays close to the ground like a standing person's sight. Also he explained this is why UHF antennas are mounted lower than VHF antennas when they are on the same mast.

Dave - I hope you don't mind that I paraphrased abit. I wonder what this salesmans explanation is for the two sets of terminals on a feed-through UHF antenna.

## MAGAZINE ARTICLES \* ADDENDUM

This Booster Is A Specialist	Popular Science	Jun 1951
How Pushbutton Car Antennas Work	" "	May 1952
Miniature TVI Wavetraps	Radio & TV News	Nov 1952
TV Boosters And A TV Receiver	Consumers Research Bul	Nov 1952

## MAGAZINE ARTICLES \* EISENHOWERS FIRST TERM

UHF Antennas	Radio & TV News	Jan 1953
VHF-UHF Antenna Design	" " " "	Feb "
Maintenance Of TV Antennas	" " " "	Mar "
Multiple Installation Of TV Receivers	" " " "	" "
UHF Antennas	" " " "	" "
You & UHF	" " " "	" "
Antenna Measurements	" " " "	Apr "
Modern Booster	" " " "	" "
VHF Fringe Antennas	" " " "	" "
TV Antenna For Mountain Areas	Science Digest	May 1953
UHF-VHF Antenna Coupler	Radio & TV News	" "
Grounding A TV Antenna	Good Housekeeping	Jun "
TV Antennas	Consumers Reports	" "

## Antenna News

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September 1983

## Antenna Articles 1953-1956 (cont.)

TV Signal Booster Features Golden Grid Tube	Popular Mechanics	Jun 1953
Summertime Revenue	Radio & TV News	Jly "
Choosing The Right TV Antenna	Popular Science	Aug "
TV & FM Rotators	Research Bulletin	Sept "
Windproofing Your TV Antenna	Popular Science	" "
TV'S 70 New Channels	" "	Jan 1954
TV Antennas Made Him Rich	" "	Feb "
Tri-Pole Antenna	Radio & TV News	" "
Home Built UHF Antennas	" " " "	Mar "
TV Booster For UHF	" " " "	Apr "
UHF Corner Reflector	" " " "	" "
Continuous Evolution In TV Antennas	" " " "	May "
New Approach To Conical Antenna Design	" " " "	" "
How To Select Your TV Antenna	Popular Mechanics	Jly "
Miniature TV Antennas	Research Bulletin	" "
New Antenna Coupling System	Radio & TV News	Sep "
Antenna Antics	" " " "	Oct "
Brother Bosses Of The TV Antenna	Coronet	" "
Fringe Area FM Antenna	Radio & TV News	" "
How To Install Your Own TV Antenna	House Beautiful	" "
New Standards For TV Antennas	Radio & TV News	Nov "
8 Strange Tales Of TV Antenna Troubles	Popular Science	Dec "
How Good Are Your TV Installations	Radio & TV News	" "
Cascade TV Booster	" " " "	Jan 1955
2-Set Couplers	Consumer Reports	Mar "
TV Antenna Rotators	Radio & TV News	" "
G-Line Antenna Lead In	" " " "	Apr "
Let 'er Blow	" " " "	" "
TV Antennas For Fringe Area Service	Consumers Research Bulletin	May "
All-Channel All-Wave Antenna	Radio & TV News	Jun "
Better TV From Slotted Pipe Antenna	Science News Letter	June 4
Broadband Flat Gain TV Antenna	Popular Mechanics	Jun "
Additional Data On A Pair Of Folded Dipoles	Radio & TV News	Jly "
Antenna Mounted UHF Mixers	" " " "	Aug "
He Builds Windproof TV Masts	Popular Mechanics	Sep "
Tuners, Aerials, & FM	Atlantic Magazine	" "
Why A Rotator?	Radio & TV News	" "
Indoor TV Antennas	Consumer Reports	Oct "
Multiple Tuning In TV Antenna Design	Radio & TV News	" "
7 Rules For Putting Up TV Antennas	Popular Science	Nov "
Wizard Antenna	Radio & TV News	Dec "
Cliff Dwellers Antenna	" " " "	Jan 1956
Transistorized TV Antenna Compass And Field Strength Meter	" " " "	" "
TV Window Feed Through Devices	Consumer Reports	" "
Versatile Installation Unhitches TV Receiver	Popular Mechanics	Feb "
TV For Trailers	" " " "	Apr "
New TV Antenna Round-Up	Radio & TV News	May "
Doing It The Easy Way	" " " "	Jly "
Rotation Unnecessary For TV Antennas	Science Newsletter-July 7	" "
Antenna Rotators	Radio & TV News	Aug "
Showman: New Indoor TV Antenna	" " " "	Sep "

## PRODUCT ANALYSIS-TOWER

Over the last few months we have talked about antenna mounts of several types. This is the last in the "mount" series. The next series of articles will discuss the antenna system from the receiver back to the antenna. If I have skipped a subject which you would like discussed just write.

You can definately sink more money into a tower than anywhere else in the antenna system so even though the subject of towers might seem a little self explanatory, an overview of the marketplace might prove beneficial.

There are basically 5 different types of tower. They are:

## Tower (cont.)

- 1.) Standard straight section tower
  - a.) Free standing
  - b.) Guyed
  - c.) Bracketed
- 2.) Free standing tapered section tower
- 3.) Fold-over tower
- 4.) Crank-up tower
- 5.) Telescoping or flag pole free standing tower

Standard straight section tower is readily available with the most popular brands being American and Rohn. Everybody has their favorites and mine is Rohn. American's chief selling points are price and easiness to climb. Rohn's advantage is their superior galvanizing (hot dipped - see last month's article on mast) and overall ruggedness. Their price is higher but I feel it is a bargain compared to the American. As far as being easy to climb, unless you're going to climb in your bedroom slippers, the smaller diameter rungs on the Rohn should give you no problem, they are also closer together than the American's making climbing easier to shorter people. As far as galvanizing, the Rohn 20G, 25G, and 45G are all hot dipped whereas only the 1810 series American is. For strength, all Rohn comes with 2 bolts per leg whereas many American dealers stock 1 bolt per leg variety (the bolts which hold one section to another). The Rohn 11G is not recommended and in fact is not readily available. The difference between the 20 and 25G is one pound of weight per foot (20G = 30lbs/section, 25G = 40lbs/section). The 45G is 70 lbs/section and also has different dimensions. If money is tight for you, you can use a couple of sections of 20G on the top of a 25G tower where the load is not leveraged too much. To give you an idea of prices of the different series I have listed Rohn's list prices however discounts are generally available either locally or through distributors advertising in the various ham radio magazines. 20G-\$82, 25G-\$92, 45G-\$187.

If you are serious about tower selection, the Rohn Dealer Catalog is an education in itself containing engineering drawings, load & height limits, accessories, and installation recommendations. If your dealer can't get you one, write to Rohn at P.O. Box 2000, Peoria, IL 61656. There is a charge I believe but I don't know how much - \$2.00?

Another area where your dealer maybe able to help you out if you're going to install the tower yourself is in the rental or use of some installation devices such as a tower work platform and erection fixture. These make the job much safer and easier.

If you are going to have your tower installed by a local installer, the biggest favor you can do for yourself is to still look over the manufacturers' recommendations and instructions. Some installers are so used to cutting corners that they have to be checked up on sometimes. Do this even before you get price quotes so that everybody is quoting you on the same thing. It comes down to this: Get everything you're paying for.

Free standing tapered section tower (example: Jerrold Delhi & Rohn BX) is quite popular in some areas. Personally I prefer the straight section tower due to the following reasons: 1.) It's easier to climb, 2.) It's easier to hang additional antennas on the side of it, 3.) It's easier to put up. Also interesting is the fact that Rohn does not recommend putting antennas with boom lengths exceeding 10 ft. on their BX series. All that I can figure is that these towers deal with twisting and torque in a less satisfactory way than the straight towers.

Fold-over tower is available from Rohn in both the 25 and 45G series. This is the slickest thing going for the hobbyist who likes to change antennas alot. The cost difference between a standard & fold-over version is about \$750. All fold-over tower should be guyed. A fold-over 45G Rohn tower is the tower of my dreams.

Crank-up tower is another method of getting your antenna closer to the

## Tower (cont.)

ground on demand. It has an advantage over fold-over tower in that the antenna keeps its' correct orientation to the ground during raising and lowering. A picture of a crank-up tower can be seen in last month's VUD on page 55 (Dave Nieman's set-up). However, the crank-up tower is not thought to be as safe as the fold-over tower due to the possible slippage of the mechanism. Crank-up tower is available from Hy-Gain and Tri-ex with prices ranging from about \$900-\$1800 for a 50 footer depending on options. If you're wondering what good keeping your antenna at its' proper orientation to the ground is, remember that sometimes UHF is very wierd and can vary alot with just a couple feet of vertical change up or down. (If you believe the salesman mentioned in the account given by Dave Wilson then you would probably lower your tower every time you viewed UHF).

Telescoping or flag pole free standing tower is probably the most beautiful tower around to look at. The Tri-ex 70 footer is a beauty but for sixteen thousand dollars it best be VERY beautiful. A major drawback of this type of tower is that its' installation requires some specialized or expensive heavy equipment. Tri-ex does make an installation crane available on a no charge basis for purchasers of their tower.

## CURRENT NEWS

Rumor has it that Alliance has a replacement coming for the U-100 rotor which will be called the U-101. I don't know any more than that.

## LAST MINUTE NEWS

I received a letter from Nate Ely yesterday and he has a very interesting problem with out-of-band interference on his Winegard AC-4990 pre-amp. We'll talk about it next month. If anyone has experience with filtering out everything but the UHF band please let Nate or me know.

This last week I started a new job after a year lay-off. During this time I had enough spare moments to become involved in several extra-curricular activities such as writing this column. My wife and son deserve first priority, the church family and employer come close behind. I hope that I can continue to do things like the Antenna News because I really enjoy it. If I have to skip a month here or there during the next half-year please forgive me. Whatever you do, don't not write because you think I'm busy, the letters are what keep me motivated. I'll talk to you next month. *Ray*

(continued from page 3)

1984 convention was chosen (Toronto, Ont.) and the process of submitting bids for the 1985 and thereafter convention was changed. The location will now be chosen two years in advance. Several resolutions were voted on, including congratulations to Dave Browne, and the National Radio Club on their 50th Anniversary, Radio Canada International and the Washington Area DX Association (Hosts of this year's convention). There was also a condemnation of radio jamming.

At the auction, auctioneer Sam Barto sold books, pennants, records, radios, tee shirts, and WPLJ's subway advertisements.

It can easily be said that everyone there had a good time. It was very interesting and it was not very technical. And it was a good chance to meet with many of my fellow DX'ers. The Washington Area DX'ers Association must be commended on their efforts in staging the largest and most successful ANARC Convention. I already have plans to go to next year's convention in Toronto. I hope to give WTPDA fuller representation at that convention.

Future articles will deal with several issues that have come out of the convention; the conastional revisions and what WTPDA can do for members of the Handicapped Aid Program.....

Until then, Best Of DX, and 73's,

*Steven P Sprachman*

# VHF UTILITY DX

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VHF UTILITY DX....This month's feature will attempt to explain the frequency allocation plan for the Police Radio Service. Keep in mind that many police are licensed on local government frequencies and as such this allocation table does not reflect those frequencies.

Many frequencies that are used by police, especially in smaller municipalities are local government frequencies to make inter-agency coordination simpler. Many agencies are forced to take a local government allocation because of the crowded spectrum in or adjacent to large metropolitan areas.

Also this feature includes loggings from the several openings of both skip and tropo recently. Many thanks to Tom Yingling and Hank Holbrook for there contributions. Good luck and good DX.....

## Police Radio Service

**Eligibility** Any territory, possession, State, county, city, town, and similar governmental entity including a governmental institution authorized by law to provide its own police protection, is eligible to hold authorizations in the Police Radio Service to operate radio stations for transmission of communications essential to official police activities of the licensee.

**Police Zone and Interzone Communication** Fixed zone and interzone stations may be authorized in the Police Radio Service. An unlimited number of zone stations may be authorized in a single zone, but only one interzone station will be authorized in any zone. (A zone is normally considered to be a single state). Request to rezone a state to provide more than one interzone must be supported by an adequate showing of need based upon the volume of traffic or the necessity for more expeditious handling of traffic. In addition, the request shall include a showing that all licensees of all affected zone stations have been notified and afforded an opportunity to comment on the request.

**International Police Radio communications** Police Radio licensees which are located in close proximity to the borders of the United States may be authorized to communicate internationally. Request for such authority shall be written and signed and submitted in duplicate. The request shall include information as to the station with which communication will be conducted, and the frequency, power, emission, ect., that will be used. If authorized, such international must be conducted in accordance with Article 5 of the Intern-American Radio Agreement, Washington, DC 1949 which reads as follows:

**Article 5** When the American countries authorize their police radio stations to exchange emergency information by radio with similar stations of another country, the following rules shall be applied:

(a) Only police radio stations located close to the boundries of contiguous countries shall be allowed to exchange this information.

(b) In general, only important police messages shall be handled, such as these which would lose their value, because of slowness and time limitations if sent on other communication systems.

(c) Frequencies used for radiotelephone communications shall be conducted on frequencies assigned for radiotelephony.

## PCLICE ALLOCATION LIMITATIONS

2) The frequency is available for assignment only in accordance with a geographical assignment plan.

3) Base stations operating on this frequency and rendering service to state police mobile units maybe authorized to use a maximum output power in excess of the maximum indicated in 90.205 but not in excess of 7500 watts: Provided, That such operation is secondary to other stations.

## POLICE RADIO ALLOCATION TABLE

37.02	M		39.64	B/M	
37.04	B/M		39.66	M	
37.06	B/M		39.68	B/M	
37.08	B/M		39.70	M	
37.10	B/M	9	39.72	B/M	
37.12	B/M		39.74	M	
37.14	B/M		39.76	B/M	
37.16	B/M		39.78	M	
37.18	B/M	9	39.80	B/M	
37.20	B/M		39.82	B/M	9
37.22	B/M		39.84	B/M	
37.24	B/M		39.86	B/M	
37.26	B/M	9	39.88	B/M	
37.28	B/M		39.90	B/M	9
37.30	B/M		39.92	B/M	
37.32	B/M		39.94	B/M	
37.34	M		39.96	B/M	
37.36	B/M		39.98	B/M	9
37.38	M		42.02	B/M	2, 3, 12
37.40	B/M		42.04	B/M	2, 3, 12
37.42	M		42.06	B/M	2, 3, 12
39.02	B/M		42.08	B/M	2, 3, 12
39.04	B/M		42.10	B/M	2, 3, 12
39.06	B/M	9, 10	42.12	B/M	2, 3, 12
39.08	B/M		42.14	B/M	2, 3, 12
39.10	B/M	9	42.16	B/M	2, 3, 12
39.12	B/M		42.18	M	2, 12
39.14	B/M		42.20	M	2, 12
39.16	B/M		42.22	M	2, 12
39.18	B/M	9	42.24	M	2, 12
39.20	B/M		42.26	M	2, 12
39.22	B/M		42.28	M	2, 12
39.24	B/M		42.30	M	2, 12
39.26	M		42.32	B/M	2, 3, 12
39.28	B/M		42.34	B/M	2, 3, 12
39.30	M		42.36	B/M	2, 3, 12
39.32	B/M		42.38	B/M	2, 3, 12
39.34	M		42.40	B/M	2, 3, 12
39.36	B/M		42.42	B/M	2, 3, 12
39.38	M		42.44	B/M	2, 3, 12
39.40	B/M		42.46	B/M	2, 3, 12
39.42	B/M		42.48	B/M	2, 3, 12
39.44	B/M		42.50	B/M	2, 3, 12
39.46	B/M	11	42.50	B/M	2, 3, 12
39.48	B/M		42.52	B/M	2, 3, 12
39.50	B/M	9	42.54	B/M	2, 3, 12
39.52	B/M		42.56	B/M	2, 3, 12
39.54	B/M		42.58	B/M	2, 3, 12
39.56	B/M		42.60	B/M	2, 3, 12
39.58	B/M	9	42.62	B/M	2, 3, 12
39.60	B/M		42.64	B/M	2, 3, 12
39.62	B/M		42.66	M	2, 12

Donald L. Blevins 314 Langley Road Baltimore, MD 21221 reports:

## 7-26-83

2231	WZN 243	154.86	Truce, PA	Lancaster County Comm
2233	KKC 815	155.07	Bern Township, PA	Berks County Communications
2235	KGA 815	154.665	State Roads, DE	Delaware State Police
2236	KGA 583	154.80	Lancaster, PA	Lancaster Police
2240	KNA 586	159.135	Fairfax, VA	Virginia State Police
2245	KJE 260	44.94	Chanute, KS	Kansas State Patrol
2259	KKC 374	37.26	Oklahoma City, OK	Oklahoma County Sheriff
2302	KRG 760	37.10	El Reno, OK	Canadian County Sheriff
2321	KAA 204	42.06	St. Joseph, MO	Missouri Highway Patrol
2341	KGB 476	154.235	Philadelphia, PA	Philadelphia Fire Department

42.68	M	2, 12	154.77	M
42.70	M	2, 12	154.785	B/M
42.72	M	2, 12	154.80	B/M
42.74	M	2, 12	154.815	B/M
42.76	M	2, 12	154.83	M
42.78	M	2, 12	154.845	B/M
42.80	B/M	2, 3, 12	154.86	B/M
42.82	B/M	2, 3, 12	154.875	B/M
42.84	B/M	2, 3, 12	154.89	M
42.86	B/M	2, 3, 12	154.905	B/M
42.88	B/M	2, 3, 12	154.92	B/M
42.90	B/M	2, 3, 12	154.935	B/M
42.92	B/M	2, 3, 12	154.95	M
42.92	B/M	2, 3, 12	155.01	B/M
42.94	B/M	2, 3, 12	155.07	B/M
44.62	B/M	2, 3, 12	155.13	B/M
44.66	B/M	2, 3, 12	155.19	B/M
44.70	B/M	2, 3, 12	155.25	B/M
44.74	B/M	2, 3, 12	155.31	B/M
44.78	M	2, 12	155.37	B/M
44.82	M	2, 12	155.415	B/M
44.86	M	2, 12	155.43	B/M
44.90	M	2, 12	155.445	B/M
44.94	B/M	2, 3, 12	155.46	B/M
44.98	B/M	2, 3, 12	155.475	B/M
45.02	B/M	2, 3, 12	155.49	B/M
45.06	B/M	2, 3, 12	155.505	B/M
45.10	B/M		155.52	B/M
45.14	B/M		155.535	B/M
45.18	B/M		155.55	B/M
45.22	B/M		155.565	B/M
45.26	M		155.58	B/M
45.30	M		155.595	B/M
45.34	M		155.61	B/M
45.38	M		155.625	B/M
45.42	B/M		155.64	B/M
45.46	B/M		155.655	B/M
45.50	B/M		155.67	B/M
45.54	B/M		155.685	B/M
45.62	B/M		155.70	B/M
45.66	B/M		155.73	B/M
45.70	B/M		155.79	B/M
45.74	M		155.85	M
45.78	M		155.91	M
45.82	M		155.97	M
45.86	B/M	11	156.03	M
45.90	B/M		156.15	M
45.94	B/M		156.21	B/M
45.98	B/M		158.73	B/M
46.02	B/M		158.79	B/M
154.65	M		158.85	B/M
154.665	B/M	12	158.91	M
154.68	B/M	12	158.97	M
154.695	B/M	12	159.03	M
154.71	M		159.09	B/M
154.725	B/M		159.15	B/M
154.74	B/M		159.21	B/M
154.755	B/M			

453.05	B/M
453.10	B/M
453.15	B/M
453.20	B/M
453.25	B/M
453.30	B/M
453.35	B/M
453.40	B/M
453.45	B/M
453.50	B/M
453.55	B/M
453.60	B/M
453.65	B/M
453.70	B/M
453.75	B/M
453.80	B/M
453.85	B/M
453.90	B/M
453.95	B/M
460.025	B/M
460.050	B/M
460.075	B/M
460.100	B/M
460.125	B/M
460.150	B/M
460.175	B/M
460.200	B/M
460.225	B/M
460.250	B/M
460.275	B/M
460.300	B/M
460.325	B/M
460.350	B/M
460.375	B/M
460.400	B/M
460.425	B/M
460.450	B/M
460.475	B/M
460.500	B/M
460.525	B/M
460.550	B/M

9) This frequency is shared with the Local Government Radio Service.

10) The maximum output power of any transmitter authorized to operate on this frequency, after June 1, 1956, shall not exceed two watts. Licensees holding a valid authorization as of June 1, 1956, for base or mobile operation on this frequency, with a power in excess of two watts, may continue to be authorized for such authorization without regard to this power limitation.

11) This frequency is reserved for assignment to stations for intersystem operations only: Provided however, that licensees holding a valid authorization to use this frequency for local base or mobile operations as of June 1, 1956, may continue to be authorized for such use.

12) This frequency is reserved primarily for assignment to state police licensees. Assignments to other police licensees will be made only where the frequency is required for coordinated operation with the state police system to which the frequency is assigned. Any request for assignment must be supported by a statement from the state police system concerned indicating that the assignment is necessary for coordination of police activities.

14) This frequency is available nationwide for use in police emergency communications networks operated under statewide law enforcement emergency communications plans. Operations authorized on this frequency which are not in accordance with this limitation may continue until January 1, 1985.

16) This frequency is available in this service on a shared basis with all other Public-Safety Radio Services.

18; 20  
18, 20

18) This frequency is shared until March 1, 1986, with the Fire Radio Service Licensees authorized for its use prior to July 16, 1974, and operations in the Police Radio Service are on a secondary basis to such Fire Radio Service use.

20) Until March 1, 1986, use of this frequency is on a secondary basis to Special Emergency licensees authorized prior to April 16, 1976.

Hank Holbrook 7211 Chestnut Street Chevy Chase, MD 20815 reports:

<u>3-20-83</u> 0130	PH-BUI	132.02	Washington, DC	KLM Royal Dutch Airlines
<u>3-12-83</u> 2154	N108WA	132.02	Baltimore, MD	World Airways Inc.
<u>4-6-83</u> 0145	N12302	132.07	Unknown	TWA Flight 411
<u>4-16-83</u> 2147	N179AR	132.02	Unknown	Security Pacific Bank
<u>4-19-83</u> 0003	N180AR	132.02	Washington, DC	Atlantic Richfield Co
<u>4-26-83</u> 1841	N13	132.02	Washington, DC	Department of Transportation
<u>5-1-83</u> 1656	WRX 4443	156.80	Annapolis, MD	RUPTURED DUCK
1656	WRX 4443	157.10	Annapolis, MD	RUPTURED DUCK
<u>5-5-83</u> 1119	N77P	132.02	Fredrick, MD	AMP Inc.
1119	N77P	134.15	Fredrick, MD	AMP Inc.
<u>5-9-83</u> 1115	N1VA	132.02	Baltimore, MD	Commonwealth of Virginia
<u>5-12-83</u> 2253	N26GW	132.02	West Virginia	Gulf & Western Industries
<u>5-18-83</u> 0105	N856W	132.02	Philadelphia, PA	Travelers Corporation
<u>5-20-83</u> 2244	WRU 9599	156.80	Deep Water Point, MD	REAL ESCAPE
2244	WRU 9599	156.565	Deep Water Point, MD	REAL ESCAPE
<u>5-22-83</u> 1555	WZF 6875	156.80	West River, MD	FORCE 4
<u>5-28-83</u> 1804	WYQ 5612	156.80	Bay Bridge, MD	TIPSY-TOO
1830	WRX 8646	156.80	Curtis Bay, MD	NIKRIMI
<u>5-29-83</u> 1542	WXB 2317	156.80	Rose Haven, MD	HAPPY 10
<u>5-30-83</u> 1532	WYQ 3421	156.80	West River, MD	MELLOW FIVE II
1540	WYR 2318	156.80	Rose Haven, MD	TRINITY
<u>6-5-83</u> 1605	WRW 8631	156.80	South River, MD	SLO-SCREW
1638	WXP 2846	156.80	Herring Bay, MD	PIASTOLE

# EASTERN TV-DX

William J. Draeb  
Ellis St. R.R.#2  
Kewaunee WI  
54216

September 1983

Deadline: 1st

Steve Sprachman: 3939 Eve Drive, Seaford, NY 11783

It's about time I send in another report. The month of May was highlighted by a 17 day trip to Europe. We made our way through 8 countries. I was able to watch TV in 3 of those countries. TV in European hotels is not that common. Two, in Brussels and Chur (Switzerland) had TV's in the room. Vienna and Nice had TV's in the lobby. I got yelled out by the night clerk in Nice for playing with the set.

In Belgium, we were able to get stations from the Netherlands, West Germany, and France. The American programs on Belgium's Dutch Network were in English with dutch subtitles. Every where else the programs were dubbed. In Vienna I saw Jimmy Stewart speaking German! French TV was slightly risqué. One commercial for sun tan oil had a topless woman (yes, some of the women go topless on the beaches of the Riviera). Swiss and Austrian TV was very conservative. Before there was a hint of any possible sex, they would cut to the next scene. Austrian TV has 2 networks, both German. Swiss TV has 4 nets, German, French, Italian and Romansch. In Italy, the government has 3 networks, plus there are literally hundreds of private commercial stations. France has 3 government networks. Each country has several "TV Guide" like magazines. In all countries but Italy, programs are listed by network. In Italy, one magazine lists the programs by stations and they have several localized editions. The channel system of TV Guide is not known in Europe.

Back home, the DX situation has picked up. My channel 59 was on a couple of days in the beginning of June. Then it had not returned until yesterday. Still, they do not I.D. It's all very strange.

In June, there were several days of good tropo and Es. Sates with tropo - June 3,10,12,14,15,17,21,22,23,30, July 1 (I think I messed a super tropo weekend for the 4th of July weekend by going away to Vermont). Dates with Es - June 3,21,26,27,28. Highlights: June 12; Tr 1:00 a.m. - W59AA-59. WVIT xltr seen. (Strange - are they on when the mystery ch.59 is off? What will happen to the trans. when WTVU-59 does go on the air?). June 28 Es 1800 WSAV-3 (new); first time seen, with several I.D.'s. June 30 Super Trop. 1900-2300; relogs from coastal MD and VA plus WRTH-35 Richmond VA. No I.D. seen but ads from Richmond seen.

Well, that's it for now. By the time you read this, the ANARC convention will be a memory. I hopefully will be seeing many WTFDA members there. I'm the one with the WTFDA T-shirt. And I hope that all who attend the WTFDA convention have a good time. For me, it's only one convention a year.

One last thing - expect an address change. As of mid-August, I'll be come an apartment dweller. If the land lord lets me put an antenna on the roof, I'll be O.K. I'll be moving closer to the Big Apple. I'll be about a mile from Mid-town Manhattan. All I'll say is that it will be an experience DXing there and I'll be trying my best.

Frank Wheeler: 6589 Wattsburg Rd., Erie, PA 16509 EDT

June 1983	July 1983	July 1983
28 Es 1302 KSNC-2 KS 1015	1 Es 1303 CKND-2 MB	12 Es 1630 KAMR-4 TX 1271
1330 KLINE-3 NE 1016	Minnedosa	14 Es 1828 WDAF-4 MO 779
1400 KDUH-4 NE 1138	3 Es 1000 KDFW-4 TX 1117	1832 KSNC-2 KS 1015
1430 KOA-4 CO 1292	12 Es 1200 KPRC-2 TX 1210	18 Es 1028 WML-4 LA 1005
2200 KTWO-2 WY 1322	1500 WPBT-2 FL 1098	24 Es 2100 KPRC-2 TX 1210
2201 KWGN-2 CO 1292	1600 WBRZ-2 LA 1159	2130 WCBI-4 MS 943

CKND-2 was received on a 12" GE (1963) portable as the big set was being repaired. Also the last two. The big set was repaired but broke down again. Afraid I missed a lot of good DX.

I intend to meet some of the fellow DXers at WQLN Friday on their tour of the convention, then go to Bob's for Fri. until about 1700 as that is the only time I can attend. Maybe I'll meet you there. (Not this time-wd)

Eastern TV-DX Wheeler; continued--- September 1983  
I received a good picture of CKND but was so surprised that I missed the city it is located in and I had a good report for them but couldn't send it as I didn't know what city it was in. A new station, so it wasn't in any of my logs.

Tom Yingling; 221 Pinewood Road, Baltimore, MD 21222 EDT?

I got a report at last for Eastern TV-DX. What really is that I got time to type up my loggings of this summers skip season so far. I should bother more with my DX loggings, but mostly just DX, & don't bother to log, just my swl DXing of rty stations for the other clubs I'm in. Well here goes.

April 1983

2B Tr 0100 WTHY-54 NY  
(ex-WFTI)  
0120 Mystery-59  
(cb/w 59)

May 1983

11 Tr 0027 WCTI-12 NC  
29 Tr 0215 WJCL-22 GA  
31 Tr 0030 WTHY-54 NY  
0100 WFMZ-69 PA  
2100 WVCB-56 VA  
Fairfax

June 1983

5 Es 1700 "Adam 12"; ch.5.  
1705 KAUZ-6 TX  
1730 KYTV-3 MO; muf 94.5  
8 Es 1600 WPR-3 FL  
1620 KFSM-5 AR muf 94.1  
1700 KATC-3 LA  
1720 KTAI-6 LA  
1730 KSNW-3 KS  
Wichita

keep up with yourself when you are DXing PSB, SWL, RTTY, and CW, and TV and FM. I follow the skip as it goes up in freq from the scanner to TV then FM, and when the skip dies down, its FM, TV, and then last the scanner police skip DX. After its all over, I have a pile of DX notes, and too tired to log my DX, to the next day when hopefully I have time to report to stations before the skip comes again. Does anybody else have this problem? Well, that's it for now. Hopefully will get some good long haul UHF tropo this fall again. '73's.

Richard Reese; 421 Marion St., Jersey Shore, PA 17740 EDT

June 1983

27 Es 1556 WPBT-2 FL 1100  
1600 WEDU-3 FL 980  
1622 WESH-2 FL 875  
1631 WTVY-4 AL 840  
1646 KQTV-2 MO 940  
1657 KMTV-3 NE 985  
1658 KGAN-2 IA 760  
1659 WCHI-4 MS 825  
1705 KIMT-3 IA 845  
1718 KDLO-3 SD 1040  
1727 WCCO-4 MN 865  
1744 KXJB-4 ND 1115  
1913 WESH-2 FL 1875  
1928 WJXT-4 FL 810  
1959 WCBQ-2 SC 615  
2059 WDIQ-2 AL 885  
WKRG-5 AL 960  
2101 WEAR-3 FL 950  
28 Es 0958 KENW-3 NM 1105  
1015 KSNK-2 KS 1170  
1159 KHAS-5 NE 1115  
KSNB-4 NE 1110  
KLNE-3 NE 1175  
1230 KQTV-2 MO 940  
1258 KWNB-6 NE 1255  
Hayes Center

June 1983

8 Es 1800 KMTV-3 NE  
26 Es 2030 KXJB-4 ND  
27 Es 1600 KMTV-3 NE  
1630 WQWT-6 NE  
1635 KDLO-3 SD  
Tr 2100 WCVB-57 VA  
2110 WTVB-6 VA  
Es 2130 WBRZ-2 LA  
2140 KATC-3 LA  
28 Es 1800 CHHT-3 NS  
1830 CJCB-4 NS muf  
1900 NTV-3 Cuba  
1910 NTV-6 Cuba

June 1983

29 Es 2030 WCIX-6 FL  
2035 NTV-6 Cuba

July 1983

3 Es 1600 WCIX-6 FL  
1630 WEAR-3 FL  
1635 WEDU-3 FL  
1700 KBTX-3 TX muf101  
9 Es 1800 NTV-6 Cuba  
1810 NTV-3 Cuba  
101.1 1830 WdAR-3 FL 94.3  
14 Es 1600 KMTV-3 NE  
1610 KYTV-3 MO  
1700 KSNB-3 NE  
Superior  
1705 KHAS-5 muf 107.7

Receiver: Sony Trinitron model KV-1214 12" using Channel Master model 1114 and Finco 5' dish with Blonder Tongue CMA-Ub.

Well, I finally got around to report my DX. I got into a bad habit of not logging my regular TV watching and DX. It's kind of hard to

Eastern TV-DX

July 1983

5 Es 1929 WFTV-3 NC 470  
WESH-2 FL 875  
1936 WRHL-3 GA 750  
1941 WTVJ-4 FL 1100  
1959 WFTV-5 FL 1035  
WCIX-6 FL 1100  
2059 KALB-5 LA 1105  
2159 KLNE-3 NE 1175  
KNOP-2 NE 1240  
6 Es 1500 WML-4 LA 1075  
8 Es 2116 KETS-2 AR 945  
2126 KSNB-4 NE 1110  
2127 KLNE-3 NE 1175  
2159 KJRH-2 OK 1075  
9 Es 1915 KGAN-2 IA 760  
2025 ICR6-3 CU 1330  
12 Es 1000 WML-4 LA 1075  
WBRZ-2 LA 1090  
1011 WEAR-3 FL 950  
1017 WPTV-5 FL 1035  
1045 WKRG-5 AL 960  
1059 KATC-3 LA 1150  
1130 KTBS-3 LA 1110  
1304 WLET-3 MS 955  
1415 WCIX-6 FL 1100  
1546 WTVY-4 AL 840  
1600 KJMG-4 TX 1225  
1659 KPRC-2 TX 1305  
14 Es 1550 WPBT-2 FL 1100  
1716 WBRZ-2 LA 1090  
1728 KYTV-3 MO 910  
1730 KTVI-2 MO 725  
1735 KMOX-4 MO 725  
1800 KSDK-5 MO 725  
1826 KOTV-6 OK 1075

Reese; continued---

July 1983

14 Es 1920 KSNW-3 KS 1105  
1929 KMOS-6 MO 885  
16 Es 0943 KETS-2 AR 945  
0959 WBRZ-2 LA 1090  
18 Es 1315 KSNK-2 KS 1170  
1328 WMAB-2 MS 865  
1728 WESH-2 FL 875  
1730 WEDU-3 FL 980  
1923 KPRC-2 TX 1305  
1958 WBRZ-2 LA 1090  
19 Es 1830 KUSD-2 SD 1020  
23 Es 0959 " " " " " "  
1016 KQTV-2 MO 940  
1029 KCTV-5 MO 945  
(ex-KCMT)  
WDAF-4 MO " " "  
1100 WEAR-3 FL 950  
WCBT-4 MS 825  
1128 WABG-6 MS 895  
1130 KFSM-5 AR 1020  
1200 WLET-3 MS 955  
1228 WRHL-3 GA 750  
1230 WTVY-4 AL 840  
1258 WDSU-6 LA 1075  
1259 WDIQ-2 AL 885  
WML-4 LA 1075  
24 Es 0829 WTVJ-4 FL 1100  
0831 ICR6-3 CU 1330  
0905 WCTV-6 GA 860  
0958 WPBT-2 FL 1100  
1000 WTVY-4 AL 840  
WCIX-6 FL 1100  
WPTV-5 FL 1035  
1030 WESH-2 FL 875  
1055 WAGA-5 GA 660

September 1983

July 1983

24 Es 1056 WCPX-6 FL 930  
1230 WKRG-5 AL 960  
1258 WML-4 LA 1075  
1259 WDSU-6 LA " "  
1358 WEAR-3 FL 950  
1400 WSB-2 GA 660  
1752 WBRZ-2 LA 1090  
2028 KPRC-2 TX 1305  
2134 KARK-4 AR 945  
2153 WLET-3 MS 955  
2159 KOET-3 OK 1085  
WMAB-2 MS 865  
2255 KTBS-3 LA 1110  
26 Es 1159 WBRZ-2 LA 1090  
27 Es 1043 WLET-3 MS 955  
1057 WKRG-5 AL 960  
1059 WEAR-3 FL 950  
1128 KEMV-6 AR 945  
KETS-2 AR 905  
1159 KOTV-6 OK 1075  
1229 KQTV-3 MO 940  
KSNW-3 KS 1105  
1230 KTVO-3 MO 820  
WDAF-4 MO 945  
1231 KCTV-5 MO " "  
1255 WOC-TV-6 IA 705  
1258 WOI-5 IA 865  
1259 WHT-6 NE 985  
1300 KGAN-2 IA 760  
1313 KIMT-3 IA 845  
1321 KTIV-4 IA 1000  
1328 KUSD-2 SD 1020  
1330 WPTV-5 FL 1100  
1340 KDLO-3 SD 1040  
1448 KTCB-2 MN 855  
1630 KNOP-2 NE 1240

July was much better Es-wise than June, especially in the last half of the month when there were a couple of big openings. About that United TP on 7/23 (I didn't put it in-wd), I've seen it numerous times on Ms, but never have identified it. I strongly suspect WSJK or WUND. I personally hope it was WUND because it would be my shortest Es ever.

Steve West; 432 Kenmore Rd., Havertown, PA 19083 EDT?

May 1983

25 Tr 2200 WITN-7 NC  
28 Tr 2100 " " "  
2300 WUNM-19 NC  
29 Tr 0145 WPDE-15 SC 475  
0200 WJCL-22 GA 635  
0230 WLOI-25 SC 525  
WBTW-13 SC 475

June 1983

3 Es 1830 KQTV-2 MO  
5 Es 1900 KARK-4 AR  
7 Es 1930 Cuba-5; 1800 s/on, no color.  
8 Es 1830 Oklahoma FM; muf 98.5.  
10 Tr 0100 WLFL-22 NC  
0700 WPCQ-36 NC  
WCTI-12 NC  
0730 WITN-7 NC  
Es 1800 Cuba-4&5  
Tele-Rebelle; digital  
EDT in lower left of screen; s/on.

June 1983

14 Tr 0900 WKFT-40 NC v5  
WPDE-15 SC v3  
2200 WUNM-19 NC v2  
WSEE-36 RI v1  
15 Tr 0930 WITN-7 NC v3  
Es 1000 Colorvision-2;  
Dominican Rep.  
Tr 2200 Norfolk U's v5  
16 Tr 0930 WKFT-40 NC v3  
18 Tr 0930 WUNK-25 NC v3  
Es 1230 WMAB-2 MS  
26 Es 1145 unided-2

From Kitty Hawk, NC;

June 1983

11 Tr 2330 WOLO-25 SC  
12 Tr 0200 WJCL-22 GA v5

June 1983

12 Tr 1020 WTBS-17 GA v1  
WFTV-30 GA v4  
WAXX-46 GA v2  
WLTZ-38 GA v2  
WAWA-30 FL v1  
WJWS-17 FL v1  
WJWJ-16 SC v2  
13 Tr 0800 WQXA-24 GA v5  
WLTZ-19 SC v5  
0850 WAGT-26 GA 405  
0900 WLTZ-38 GA 590  
0930 WHKY-14 NC v5

(The v1 to v5 indicates signal strength; i.e., v1 being the weakest and v5 being the strongest. For more info, contact Steve.-wd.)







## Eastern TV-DX

Kadet; continued---

September 1983

co. This location is useless for UHF, tho, as there are 70' trees in almost all directions. Am slowly looking at the 'for rent' ads to see if I can find a house in a better UHF location.

This morning I saw Es for the earliest time ever seen by me. Between 0200-0215 it came out of nowhere (Frank Merrill was here at the time). There were color bar TP's on chs. 3 and 4 with the ant. to the NW, and a station on ch. 2 talking about Canadian sports with mention of Sask. Wonder if all this hot weather has brought you any super catches? (Not here.-wd)

Bill Fahber; 336 Atlantic St., Bridgeton, NJ EDT?

June 1983

1 Tr 2200 MWC-56 VA 113

Fairfax

3 Es 1700 muf ch.4

1708 WDAF-4 MO 1034

1714 KSNB-4 NE t

1720 KTWO-3 MO 891

1725 KMTV-3 NE 1100

1800 WDAF-4 again

1803 KJRH-2 OK 1139

4 Es 1115 Unid-2

1120 CBS-2; "Fred

Mc Lead" news.

5 Es 2004 KOET-3 OK t

2028 NBC-2; 8hz cci

over WMAH.

7 Es 2100 Unid-2&amp;3; SW

WEDU-3 FL 896

8 Es 1740 Unids-2-6

WEDU-3 FL t

WPBT-2 FL t

1756 KFSM-5 AR 1081

1806 KJRH-2 OK t

1811 KTVY-4 OK 1245

2130 " " "

KJRH-2 " t

2154 fadeout

10 Es 1822 weak opening

June 1983

30 Tr 2300 WHCT-18 CT 206

WCDC-19 MA 249

WVIR-30 CT 202

WSBK-38 MA 290

WSBE-36 RI

Tidewater &amp; Onancock

George Rogers; 320 Lafayette Rd., Chickamauga, GA 30707

6/27 Es 1330 CKND-2-2; 1426 KWGN-2 CO; 1625 KUSD-2 SD; 1658 CKRN-4 PQ; 1723

CKCW-2 NB; 1745 WASH-6 ME; 1750 WABI-5 ME; 1755 WLBZ-2 ME; 1800 WGH-2 MA; 1930

WLNE-6 RI; 2003 KCVB-5 MA; 2005 CHCN-6 NE Newcastle-Chatham; 2006 WCRS-2 NY;

2132 KDIX-2 ND; 2207 KXJB-4 ND; 2209 KDLT-5 SD (ex-KXON) Mitchell; 2210 KTIV-4

IA; 2214 CKPR-2 ON; 2215 KNOP-2 NE; 2219 KDUH-4 NE; 2227 KYCU-5 WY; 2247 KHAS-

5 NE; 2305 KGAN-2 IA; 2310 KTWO-2 WY; 2315 KAMR-4 TX.

6/28 Es 0820 KWGN-2 CO; 1004 KTWO-2 WY; 1006 KOA-4 CO; 1020 KNOP-2 NE; 1029

KOAA-5 CO; 1030 KRMA-6 CO; 1106 CKPR-2 ON; 1112 KAMR-4 TX; 1134 KTXT-5 TX; 1230

KYCU-5 WY; 1245 KTIV-4 IA; 1254 KUSD-2 SD; 1255 KDLT-5 SD; 1310 KDUH-4 NE; 1339

KDIX-2 ND; 1340 KXJB-4 ND; 1341 KPYR-5 ND; 1605 KTCA-2 MN; 1752 KGFE-2 ND; 1759

WGH-2 MA; 1814 WLBZ-2 ME; 1834 XHAA-4 Chis; 2120 XHRPM-2 Chis; 2220 KWSE-4 ND;

2228 CBWT-7-2 ON.

6/29 Es 1144 CKTV-2 SK; 1147 CKND-2-2 MB; 1153 CKPR-2 ON; 1215 KTCA-2 MN; 1225

WBAY-2 WI; 1306 KWGN-2 CO; 1307 KUSD-2 SD; 1322 KNOP-2 NE; 1324 KDUH-4 NE;

1337 KSNK-2 KS; 1402 XEPM-2 Chih; 1411 KMID-2 TX; 1545 WCCO-4 MN; 1609 KDIX-2;

1610 KXJB-4 ND; 1611 WDAY-6 ND; 2000 XHGL-4 Ve; 2035 KOA-4 CO; 2053 KGFE-2 ND;

2055 WBEM-2 IL; 2100 WOI-5 IA; 2105 KDLT-5 SD; 2110 KGAN-2 IA; 2115 CHFD-4 ON;

2120 KSTP-5 MN; 2127 KBJR-6 MN; 2135 KPRY-4 SD; 2139 KTIV-4 IA;

186-30 Es 1106 KWGN-2 CO; 1317 KUSD-2 SD; 1347 KTCA-2 MN; 1352 KOA-4 CO; 1358

WCCO-4 MN; 1359 KSTP-5 MN; 1415 KTIV-4 IA; 1419 KNOP-2 NE; 1423 KDUH-4 NE;

June 1983

11 Es 1955 muf ch.3; W 15 Es 1300 Cuba ch.3

2001 muf ch.4

2016 ABC ch.2

2040 " " "

hanging in;

faded out.

from 2059-2100.

2128 ABC-2 driv-

me up a wall!

Tr 2040 Virginia 10,27, 16 Tr 2300 Tidewater &amp;

33 in strong.

2122 WUNM-19 NC 345

2204 WITN-7 NC 242

2320 W68H VA 130

2330 WVEC-13 VA 192

14 Es 1556 ccci onch2 for

a few minutes. 22 Tr 2300 Tidewater, Rich-

mond, WUNM all

15,27,33 &amp; WUNM

-19 in strong.

Onancock xtrs; 26 Es 2026 muf ch.4;

weak. Also WDPB-64

2300 WEDN-53 CT 217

WGGH-40 MA 237

WSBK-38, WSBE-36, WVIR-30, WTXI-20 28 Es KOET-3 t

WCDC-19, 2311 WHCT-18, WYBE-25. 2030 CHCT-3; 2036

CJCB-4

29 Es 2100 KFSM-5 AR 1081

July 1983

3 Es muf ch.4; TX

2016 muf ch.6

2045 ch.2-6

all messed up.

July 1983

3 Es 2101 KYAS-5 TX 1300

Ft. Worth

25 Es 2028 Triple image on

ch.4, but could make out

W--- TV call sign; 2042 KJAC

CJCB-4

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CJCB-4

## Eastern TV-DX

Rogers; continued---

September 1983

6/30 Es 1439 KTWO-2 WY; 1440 KDLT-5 SD; 1450 KIVV-5 SD; 1457 KPRY-4 SD; 1500 CKND-2-2 MB; 1525 KDIX-2 ND; 1527 KPYR-5 ND.

7/1 Es 1155 KMID-2 TX; 1932 CKND-2-2 MB; 1934 KGFE-2 ND; 1958 KXJB-4 ND; 2007 KDIX-2 ND; 2049 KIVV-5 SD; 2145 KNOP-2 NE.

7/2 Tr 0910 WANX-46 GA; 0920 WTVK-26 TN; 0945 WVTM-13 AL; 0950 WMAZ-13 GA; 1038 WATL-36 GA; Es 1345 KDIX-2 ND; 2250 CKND-2-2 MB; 2300 KGFE-2 ND.

7/3 Es 1230 XHRPM-2 Chis; 1235 XHGV-5 Ve; 1240 XHAI-5 Ve; 1242 XHTV-4 DF; 1253 WPBT-2 FL; 1255 XHAE-5 Coah; 1304 WTVJ-4 FL; 1308 TR-5 Cuba; 1310 ICR-4 Cuba; 1316 XHD-4 Tamps; 1345 KGBT-4 TX; 1400 XHZ-5 Que; 1425 KRGV-5 TX; 1435 KPRC-2 TX; 1455 KMOL-4 TX; 1500 XELN-4 Coah; 1522 KMID-2 TX; 1543 XEPM-2 Chih; 1555 KTXT-5 TX; 1601 KDBC-4 TX; 1620 KJRH-2 OK; 1622 KTVY-4 OK; 1624 KAMR-4 TX; 1645 KWGN-2 CO; 1855 KNOP-2 NE; 1935 KDUH-4 NE; 1945 KUSD-2 SD; 1948 KTIV-4 IA; 1951 KPLO-6 SD; 1952 KIVV-5 SD; 2005 KDLO-3 SD; 2010 KPRY-4 SD; 2015 KDLT-5 SD; 2021 WWT-6 NE; 2024 KHAS-5 NE; 2051 CKPR-2 ON; 2100 KGAN-2 IA; 2104 KXJB-4 ND; 2216 KGFE-2 ND; 2218 KDIX-3 MN; 2221 KSTP-5 MN; 2223 KTCA-2 MN; 2224 WCCO-4 MN; 2225 KAAL-6 MN; 2229 WDAY-6 ND; 2238 WFRV-5 WI; 2247 WBAY-2 WI; 2249 WTOM-4 MI.

7/4 Es 0825 CBFT-2 PQ; 0905 WLBZ-2 ME; 0910 CKCO-2-2 ON; 0925 CBOT-4 ON; 1000 XHRPM-2 Chis; 1435 KMID-2 TX; 2115 XHRIO-2 Tamps; 2158 KOA-4 CO; 2159 KWGN-2 CO; 2200 KGFE-2 ND.

7/5 Es 0820 XHRPM-2 Chis; 0920 KMID-2 TX; 1010 KWGN-2 CO; 1011 KOA-4 CO; 1012 KOAA-5 CO; 1018 KRMA-6 CO; 1114 KGBT-4 TX; 1820 KUSD-2 SD; 1830 KGFE-2 ND; 1923 CBFT-2 PQ; 1930 WKTU-2 NY; 2002 WLBZ-2 ME; 2100 CKGN-2-2 ON; 2104 CHLT-5 ON; 2105 CFCL-2-2 ON; 2108 WGRZ-2 NY (ex-WGR); 2109 CHNB-4 ON; 2115 CKPR-2 ON; 2120 CHFD-4 ON; 2123 KCXY-2 ON; 2143 KXJB-4 ND; 2153 WBAY-2 WI; 2228 CBWT-2-4 MB

7/6 Es 1235 KWGN-2 CO; 1320 WGH-2 MA; 1325 WLBZ-2 ME; 2140 KUSD-2 SD.

7/7 Es 1050 XHRPM-2 Chis.

7/8 Es 0951 CBFT-2 PQ; 0956 CKND-2-2 MB; 1000 KXJB-4 ND; 1002 KHAS-5 NE; 1003 KNOP-2 NE; 1004 KTWO-2 WY; 1005 KLINE-3 NE; 1006 KSNB-4 NE; 1008 KSNK-2 KS; 1010 KQTV-2 MO; 1014 KWNB-6 NE; 1015 KDUH-4 NE; 1035 KIVV-5 SD; 1045 KPLO-6 SD; 1105 KMOL-4 TX; 1106 KTVY-4 OK; 1107 KENS-5 TX; 1111 KJRH-2 OK; 1115 KOCO-5 OK; 1118 KWGN-2 CO; 1120 KOA-4 CO; 1130 KTXT-5 TX; 1132 KAMR-4 TX; 1134 KAUZ-6 TX; 1142 KOAA-5 CO; 1149 KRMA-6 CO; 1205 KMID-2 TX; 1215 KDFW-4 TX; 1220 KAVE-6 NM; 1310 KWAB-4 TX; 1325 KDBC-4 TX; 1328 XEPM-2 Chih; 1330 XBJ-5 Chih; 1331 KENW-3 NM; 2123 KFBH-5 MT Great Falls; 2127 KYCU-5 WY; 2200 KPRY-4 SD; 2202 KUSD-2 SD; 2208 CKCY-2 ON; 2238 KNME-5 NM; 2239 KOB-4 NM;

7/9 Es 1240 XHRPM-2 Chis; 1300 CKPR-2 ON;

7-10 Tr 0135 WSFA-12 AL; 0830 WCFT-33 AL; Es 1350 WBAY-2 WI; 1424 CFCL-2-2 ON; 1455 CKPR-2 ON; 1505 KTCA-2 MN

7/11 Tr 0845 WTVW-7 IN; 1115 WBBJ-7 TN; Es 1802 TR-4 Cuba; 1807 WAPA-4 PR San Juan; 1818 XEW-2 DF; 1820 XHGC-5 DF; 1823 XHTV-4 DF; 1900 XHRPM-2 Chis; 1910 XHZ-5 Que; 1916 XHTI-6 Pue; 1925 XHGV-4 Ver; 1930 XHAI-5 Ver; 1950 XHGE-5 Camp; 1953 XHD-4 Tamps; 2018 KPRC-2 TX; 2054 KGBT-4 TX; 2055 KRGV-5 TX; 2056 XHRIO-2 Tamps; 2205 KMID-2 TX;

7/12 Es 0900 WGH-2 MA; 0950 KSNK-2 KS; 1010 KGBT-4 TX; 1020 KRGV-5 TX; 1030 KPRC-2 TX; 1200 KRIS-6 TX; 1230 WESH-2 FL; 1232 WPBT-2 FL; 1234 KENS-5 TX; 1248 KMOL-4 TX; 1305 KMID-2 TX; 1405 KWAB-4 TX; 1425 KJAC-4 TX; 1454 KAMR-4 TX; 1456 KTXT-5 TX; 1525 XEPM-2 Chih; 1526 KDBC-4 TX; 1550 KGAN-2 IA; 1600 KTCA-2 MN; 1610 KBJR-6 MN; 1628 KUSD-2 SD; 1650 KGFE-2 ND; 1847 KOAA-5 CO; 1903 KWGN-2 CO;

7-13 Es 2015 CFCL-2-2 ON

7/14 Tr 1032 WATL-36 GA; 1035 WEMA-40 AL; 1045 WETV-30 GA; Es 1109 CKND-2-2 MB; 1205 KUSD-2 SD; 1230 KDIX-2 ND; 1237 KPRY-4 SD; 1300 KMID-2 TX; 1320 KTXT-5 TX; 1710 KGBT-4 TX; 1715 KRGV-5 TX; 1745 CHNB-4 ON; 1750 CFCL-3-2 ON; 1755 CFCL-6 ON; 1800 KNOP-2 NE; 1801 CKPR-2 ON; 1803 CIGI-5 ON; 1809 CHFD-4 ON; 1832 WFRV-5 WI; 1835 WTOM-4 MI; 1840 WCCO-4 MN; 1845 KTCA-2 MN; 1852 KBJR-6 MN; 1856 KSTP-5 MN; 1900 KYCU-5 WY; 1910 WDAY-6 ND; 1912 KXJB-4 ND; 1912 KWNB-6 NE; 1923 KPYR-5 ND; 1925 CKX-5 MB; 1926 CBWT-2-4 MB; 1927 KWSE-4 ND; 1929 CBWT-6 MB; 1930 KGFE

7-14 Es 1940 CKY-7 MB Winnipeg (very weak); 2005 KWGN-2 CO; 2006 KDA-4 CO;  
2045 KDUH-4 NE; 2053 KAMR-4 TX; 2055 KNME-5 NM; 2058 KDB-4 NM; 2113 KSNK-2 KS

7-15 Es 1720 KTCA-2 MN; 1722 KGFE-2 ND

7-16 Es 1005 KSNK-2 KS; 2048 KMID-2 TX

7-17 Es 1843 KNOP-2 NE; 1846 KSNB-4 NE; 1858 KHAS-5 NE; 1900 KDUH-4 NE; 2000  
KWGN-2 CO; 2008 KSNK-2 KS

7-18 Es 0836 WIVB-4 NY; 0850 WGRZ-2 NY; 0905 WLBZ-2 ME; 0908 WCBS-2 NY; 0910  
WCVB-5 MA; 0911 WEE-4 MA; 0912 WNEC-4 NY; 0930 WGBH-2 MA; 0936 WHAR-2 MD Bal-  
timore; 0947 CBFT-2 PQ; 1003 CKND-2-2 MB; 1008 CKCY-2 ON; 1100 KWGN-2 CO; 1234  
CKPR-2 ON; 1435 XHRPM-2 Chis; 1842 KGH-4 TX; 1855 XHGL-4 Ver; 1912 KPRC-2 TX;  
1927 KRGV-5 TX; 1930 XHGB-5 Camp; 2047 XHZ-5 Que; 2049 XHD-4 Tampa; 2058 KNME-  
5 NM; 2103 KDB-4 NM; 2105 XHFI-5 Chih; 2243 KMID-2 TX;

7-19 Es 1105 XEPH-2 Chih; 1200 KUSD-2 SD; 1202 KTIV-4 IA; 1204 KILT-5 SD;  
1206 KPLO-6 SD; 1225 KPRY-4 SD; 1243 KIVV-5 SD; 1345 KTWO-2 WY; 1345 KTWO-2 WY;  
1515 KWGN-2 CO

7-20 Es 0845 WPH-2 FL; 0933 ICR-4 Cuba;

7-21 Tr 0815 WTVK-26 TH; 1030 WYBS-17 GA; 1105 WYEM-13 AL; Es 1740 CKPR-2 ON;  
1742 KTCA-2 MN; 1745 CHFD-4 ON; 1825 WLBZ-2 ME

7-22 Es 1117 TR-4 Cuba; 1710 KPRC-2 TX; 1715 KMOL-4 TX; 1720 KENS-5 TX; 1845  
KMID-2 TX; 1855 XEPH-2 Chih; 1913 KDEC-4 TX; 1918 KTX-5 TX; 1940 KNME-5 NM;  
1942 KDB-4 NM; 1944 KAVE-6 NM; 1952 KAMR-4 TX; 2102 KWGN-2 CO; 2217 KSNK-2 KS;  
2220 KDA-4 CO; 2300 KNOP-2 NE; 2310 KTVY-4 OK; 2330 KJRH-2 OK

7-23 Es 0910 WLBZ-2 ME; 0935 CBFT-2 PQ; 1004 CHOT-4 ON; 1005 WKTU-2 NY; 1006  
WIVB-4 NY; 1007 WGBH-2 MA; 1019 CKPR-2 ON; 1020 CKRN-4 PQ; 1032 WGBH-6 ME;  
1034 WABI-5 ME; 1040 WLNK-6 RI; 1100 WTVH-5 NY; 1105 CHFD-4 ON; 1115 WGRZ-2  
NY; 1155 CFCH-4 PQ; 1211 CKND-2-2 MB; 1225 TR-5 Cuba; 1230 WCBS-2 NY; 1232  
WNEC-4 NY; 1235 WNEW-5 NY; 1238 WCVB-5 MA; 1240 WEE-4 MA; 1242 WRGB-6 NY; 1245  
WFSB-3 CT; 1315 WFRV-5 WI; 1330 KTCA-2 MN; 1338 KDUH-4 NE; 1342 KPRY-4 SD;  
1350 KYCU-5 WY; 1405 KNOP-2 NE; 1426 KUSD-2 SD; 1428 KTIV-4 IA; 1450 KSNB-4 NE;  
1538 KTWO-2 WY; 1545 KHAS-5 NE; 1605 XHGC-5 DF; 1627 KWGN-2 CO; 1633 KDA-4 CO;  
1637 KDA-5 CO; 1705 KSNK-2 KS.

7-24 Es 1020 WCBS-2 NY; 1021 WRGB-6 NY; 1023 WNEW-5 NY; 1025 WNEC-4 NY; 1027  
WLNK-6 RI; 1035 WEE-4 MA; 1040 WGBH-2 MA; 1038 WCVB-5 MA; 1105 KTX-5 TX; 1130  
KMID-2 TX; 1300 KNOP-2 NE; 1325 KDUH-4 NE; 1552 CBFT-2 PQ; 1900 WUND-2 NC Col-  
umbia; 2058 KUSD-2 SD; 2100 KTIV-4 IA; 2105 KOTV-5 MO; 2109 KXJB-4 ND; 2119  
WDAY-6 ND; 2120 KFYR-5 ND; 2121 KSNB-4 NE; 2125 KSNB-6 NE; 2126 KHAS-5 NE;  
2138 KGFE-2 ND; 2144 KTV-6 KS; 2145 KOAA-5 CO; 2203 KDFW-4 TX; 2204 KXAS-5 TX;  
2205 KAUZ-6 TX; 2207 KFDX-3 TX; 2210 KAMR-4 TX; 2230 KJRH-2 OK; 2240 KOTV-6 OK;  
2301 KSNK-2 KS; 2302 KDA-4 CO; 2303 KWGN-2 CO; 2304 KRMA-6 CO; 2307 KYCU-5 WY;  
2310 KTVY-4 OK; 2315 KOCO-5 OK.

Top 20 stations logged on Es include #1 KMID-2 - 32 times and #20 KDIX-2 - 13  
times.

One high band Es to report on July 14th got in CKY-7 in Winnipeg with a very  
weak picture.

On July 11th I picked up WAPA-4 which had a soap opera on at the time. On July  
8th I got KFRB-5 which was ABC on a one hour delay.

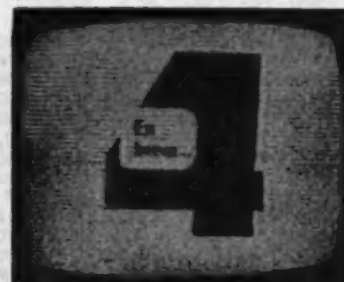
I'm very proud of that long 37 day Es streak that has just ended as of this  
writing of my report and I know that record would stand forever.

I will not be able to attend the WFDA convention in Dunkirk, NY this year but  
please tell everyone that I'm thinking bout all of you.

# PHOTO-NEWS

Mike Heid  
109 Arjay Cres.  
North York, Ont. M2L 1G6  
CANADA

This month we look at some skip and tropes from various places  
around and near the US. The best tropes is only 1100 miles this time...



WAPA-4 San Juan, PR, June 23/79  
1300 mi. Es 2000 EDT (West)



KJTV-14 Amarillo, TX  
184 mi. Tr (Pizzi)



WTBS-17 Atlanta, GA  
1098 mi. Tr June 7/82  
(Pizzi)



KTX-5 Lubbock, TX  
90 mi. semi-local (Pizzi)

WHO-13 Des Moines, IA  
178 mi. Tr Mar. 12/83  
(Purdue)

Photos from Jim Pizzi, Ron  
Purdue and Steve West (who was  
in Gainesville, FL when he saw  
WAPA).

73's

Mike

# WESTERN TV-DX

September 1983

Fred McCormack  
Box 5221  
State University Sta.  
Fargo, ND 58105

Deadline: 10- 8-83

Es continued hot for Pizzi in New Mexico this period. Purdue caught some nice tropo and Stiles reports a decline in Es activity in Okinawa.

New	New Mode	Tentative - t	Unidentified - unid.
Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3432 MDT			
June 1983			
22 Es 1956	KATU 2 OR 1319 KOTN 6 OR 1319	27 tr 0900 KVTU 13 TX 441 (Plus, Austin 24, 36, Victoria 25, Browns- ville 23.)	2 Es 1100 KBCI 2 ID 990 1104 KRTVT 3 MT NBC+
2002 WTMO	2 IN 981	0920 KORO 28 TX 505	1230 KTVQ 2 MT 900
2100 KTVI	2 MO 824	Es 1930 WCCO 4 MN 968	1656 WSB 2 GA 1098
23 Es 0915 unids	ch 2, 3 ne	2128 KTVM 6 MT 1004	3 tr 0600-1000 Kansas City
2028 KOBI	5 OR 1224	2225 KFBF 5 MT 1062	41 and 50, OKC
2100 KBCI	2 ID 990	2227 KOWY 5 WY 725	U's, & Tulsa U's
24 Es 0600 WPTV	5 FL 1485	28 Es 0011 WDTN 2 OH 1152	(With good sigs)
unids 2-4 east		0015 WCMH 4 OH 1215	Es 1029 unid ch 2 east
0727 WEAR	3 FL 950	0025 WLWT 5 OH 1125	1126 WTVY 4 AL 1067
0730 WKRG	5 AL 936	0030 WTVN 6 OH	1200 KNTX 2 CA 855
0732 WTVY	4 AL 1067	1728 CBWYT 2 MB 1328	KEYT 3 CA 945
0802 WCTV	6 GA 1148	(ID - "CBC Manitoba, Channel 6, Cable 2")	1300 WESH 2 FL 1346
0847 WAGA	5 GA 1098	29 Es 1545 unids chs 2, 3 e	WUFT 5 FL 1274
0850 WERC	6 AL 959	1620 unid ch 2 Mexico	1309 WEAR 3 FL 950
0900 WCBT	4 MS 864	1725 unids 2-6 Mexico	WSB 2 GA 1098
(Had to go and do an installation, missed a lot of DX, FM too.)		1739 WCCO 4 MN 968	1452 WNGE 2 TN 968
25 Es 1409-33 unids 2-6 e		1757 KTVI 4 IA 747	1600 WAGA 5 GA 1098
1434 unid ch 2 Mexico		1800 XHZ 5 QR 840	1629 KTVI 2 MO 824
XHTit 6 MX		(Off back of antenna; 2Es Iowa - Mexico?)	1859 KTVI 2 SA 1188
1436 WEAR	3 FL 950	1930 XEW 2 DF 960	2000 KDIX 2 ND 936
WBZ 2 LA 743		2320 unids chs 2-4 ne	4 tr 0700-0800 Houston U's
1500 WDIQ	2 AL 1008	2330 WLWT 5 OH 1125	Austin and D-FW
WRBL 3 GA 1067		2334 WDTN 2 OH 1152	U's.
(Gone to FM - Chs 2-6 unintelligible.)		30 Es 0830 WMAB 2 MS 828	KAVU 25 TX 468
1800 WATE	6 TN 1125	0900 WCPX 6 FL 1359	KEDT 16 TX 505
2100 WOAY	4 WV 1292	1030 WTVY 4 AL 1067	0929 KWEX 41 TX 380
2128 WDTN	2 OH 1152	1400 WBEM 2 IL 1049	Es 0929 WDTN 2 OH 1152
2130 WCMH	4 OH 1215	1730 KGFE 2 ND 1058	0930 KTCa 2 MN 968
WGRZ 2 NY 1472		1900 KTCA 2 MN 968	0932 KDIX 2 ND 936
2200 WTTV	4 IN 1059		1328 WCBT 4 MS 864
26 Es 0800 WWAY	3 NC 1463	July 1983	1436 KTVU 2 CA 1116
0959 WCBT	4 MS 864	1 tr 0819 KSNT 27 KS 585	1437 KRON 4 CA 1116
WAGA 5 GA 1098		0825 KLDH 49 KS 585	2000 KNTX 2 CA 855
1000 WSB	2 GA 1098	0830 K49AQ 49 TX 195	Es 0830 KTVU 3 MO 635
1612 WTTV	4 IN 1059	(Clarendon KVII- 7)	0900 KDIX 2 ND 936
1614 WCMH	4 OH 1215	Es 1900 WTCM 4 MI 1295	0929 KFTR 5 ND 927
1630 WBEM	2 IL 1049	(ID - "Channels 7 and 4 for northern MI.")	0930 KDUH 4 NE 630
WKZO 3 MI 1148		2026 WDTN 2 OH 1152	2100 KTVU 2 CA 1116
1633 unid ch 6, KHQ?		2100 WJBK 2 MI 1260	KSEY 6 CA 1004
(Spokane FM in.)		2105 WDIV 4 MI 1260	KPIX 5 CA 1116
1645 WCTA	3 IL 959	2109 WBEM 2 IL 1049	KRON 4 CA 1116
2101 WDTN	2 OH 1152	2 tr 0645 Topeka, KS 27, 49	2129 KCRa 3 CA 1080
WSAZ 3 WV 1238		0648 K30AE 30 OK 370	6 tr 0040 K0GGF 6 NM 91
2103 WCMH	4 OH 1215	0650 K49AQ 49 TX 195	(Clovis KVII-7, RARE)
2106 unid ch 4 ne		OKC, DFW, Aus. U	Es 0824 unids 2,4 Mexico
(St. Jude telethon.)		0655 unid ch 53, OK?	1820-2030 unids chans
2112 WKYC	3 OH 1310	(Unknown KOKH-25)	2-6, Mexico.
2130 WAVE	3 KY 1049	0710 KC, MO 41,50 630	7 tr 1906 KMTC 27 MO 635
2200 KCTV	2 SA 1188	Es 1034 KUTV 2 UT 707	1907 KHBS 40 AR 540
2326 CJFB	5 SA 1193	1035 KTVX 4 UT 707	1916 KSPR 33 MO 635
(Fade/out @0030 6-27)		1057 KSL 5 UT 707	1930 Tulsa 23,41, and

Western TV DX

September 1983

Jim Pizzi (continued)

8 Es 1928 unid 2 ne Canada	1931 WAVE 3 KY 1049	1952 KGAN 2 IA 878	2000 WSMV 4 TN 968	2001 WSJK 2 TN 1170	2032 WVVA 6 WV 1274	2100 WLWT 5 OH 1125	2102 KSPR 33 MO 635	2114 KMTC 27 MO 635	Es 2115 WDTN 2 OH 1152	2118 KTVI 2 MO 824	tr 2120 KOZK 21 MO 635	11 Es 1527 XEW 2 DF 960	1543 WESH 2 FL 1343	1627 XHTRM 4 ?? ???	1630 WML 4 LA 819	1700 WDIQ 2 AL 1008	WEDU 3 FL 1300	WTVY 4 AL 1067	1701 WBRZ 2 LA 743	WEAR 3 FL 950	1830 WCTV 6 GA 1148	1854 WJHG 7 FL	(Heavy 20 kHz - KOSA)	2105 WCIV 4 SC 1359	2110 WJXT 4 FL 1300	2130 WYFF 4 SC 1206	2136 WSB 2 GA 1098	12 Es 0039 KTVI 2 MO 824	0859 WESH 2 FL 1343	WUFT 5 FL 1274	0928 KRND 2 MB 1184	1233 WCIV 4 SC 1359	1729 WCMH 4 OH 1215	1731 WDTN 2 OH 1152	2100-2130 2-5 OR & WA	14 Es 0831 WESH 2 FL 1343	1256 KTVU 2 CA 1116	1859 WSJK 2 TN 1170	15 Es 1713 WBEM 2 IL 1040	17 Es 1235 unid ch 2 ne	2103 WYFF 4 SC 1206	2119 WCIV 5 TN 1224	2124 WRCB 3 TN 1035	2200 WGRZ 2 NY 1472	2205 KTVI 2 MO 824	2300 WDAF 4 MO 630	(Verified by phone.)	18 Es 0800 unid ch 2 Mexico	0848 XEW 2 DF 960	0900 KGAN 2 IA 878	0932 WJXT 4 FL 1300	18 Es 0933 WTVY 4 AL 1067	1157 WBAY 2 WI 1125	1639 CKTV 2 SA 1188	1730 WJXT 4 FL 1300	2102 KTVI 2 MO 824	2103 WTMO 2 IN 981	tr 2300 unid ch 28 OK?	(+ or - offset, maybe new LPTV or xlator. App. for LPTV in OK; Woodward)	Es 2331 unid ch 2 Cuba, Caribbean??	(+10 kHz offset, horizontal sync different, vert sync OK. Over/ under KMID.)	19 Es 0052 XEW 2 DF 960	0116 XHFM 2 MX	(Not XEW net)	0117 unid ch 3 XEW	0948 unids ch 2-6 e	1143 KTVU 2 CA 1116	Es 2017 XEW 2 DF 960	2145 unids 2,4,5 Mex.	20 tr 0840 KERA 13 TX 368	(Over KLBK-13) DFW & Austin U's	0846 KVHPT 29 LA	Es 0929 XEW 2 DF 960	21 Es 1858 XEW 2 DF 960	22 Es 1617 WCBT 2 SC 1359	1618 WCIV 4 SC 1359	1756 WSMV 4 TN 968	1830 WSJK 2 TN 1170	WOAY 4 WV 1292	1831 WAVE 3 KY 1049	1928 WDIV 4 MI 1260	1959 WBEM 2 IL 1040	2130 CBWYT 2 MB 1328	2132 KXJB 4 ND 990	2326 CKPR 2 ON	(S/off. 580 AM 24hrs)	2356 CKTV 2 SA 1188	Es 0121 WBEM 2 IL 1040	0124 WMAQ 5 IL 1040	tr*0218 KOAA 5 CO 405	Es 1023 CKPR 2 ON 1260	1039 unid ch 6 north	1059 CKYB 4 MB 1148	1129 CKTV 2 SA 1188	1300 WBEM 2 IL 1040	23 Es 1300 WTMJ 4 WI 1067	1327 WBAY 2 WI 1125	1358 WTTV 4 IN 1059	1403 WRTV 6 IN 1059	1430 WEMS 5 OH 1310	1529 KGAN 2 IA 878	1539 WCCO 4 MN 968	1559 KDLH 3 MN 1094	tr*2248 XEJ 5 CH 205	*2253 KDBC 4 TX 201	24 Es 1027 WJXT 4 FL 1300	1029 WTVY 4 AL 1067	1111 XEW 2 DF 960	1115 unid ch 2 Mexico	(0 kHz - XEW network)	1759 KTVU 2 CA 1116	1800 KRON 4 CA 1116	1900 KTVN 2 NV 1008	KCRL 4 NV 1008	1901 KNXT 2 CA 855	1908 KSBY 6 CA 1004	1929 KPIX 5 CA 1116	1945 KVIE 6 CA 1071	(Went to FM)	2144 unid ch 7 ne	(0 kHz - KOSA-7)	2200 CKGN 6 ON 1409	2257 WDTN 2 OH	25 Es 0000 KDKA 2 PA 1373	0841 XEW 2 DF 960	0850 unid ch 4 Mexico	(Not XEW net)	tr 2240 K53BE 53 OK 273	(Guymon LPTV)	2243 K55CV 55 NM 152	(Montoya KOB- 4)	K38AM 38 OK 300	(Strong City KAMR- 4)	(Formerly KTVY- 4)	K40AG 40 OK 300	(Strong City KVIJ- 8)	(Formerly KWTN- 9)	K42AG 42 OK 300	(Strong City KFDA-10)	(Formerly KVIJ- 8)	K62AD 62 TX 249	(Texhoma KFDA- 10)	K57BR 57 NM 152	(Montoya KOAT- 7)	K57CW 57 TX 116	(Bovina KVII- 7)	2338 K53- 53 OK ???	(Unknown KOKH-25)	26 Es 1230 unid ch 2 east
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Well, Es this way has been fantastic this year. Thirty days of Es this report period. Much of the time was spent on FM as channels 2 through 6 were four or more deep on each channel. June 29 produced a potential for double hop Es into the IA - MN area.

Logging of KSPR-33 on July 7 - Hawaii 5-0 at tune/in, then movie, "Murder in Texas" at 2000. I called KSPR and talked to A.R. Obregon (an engineer, I believe) who verified the movie promo slide I had seen. He was amazed and wanted to know "how far are you?" He wants me to send him a card saying I picked them up and I asked him to send me a verie. As of July 15, no written verification from KSPR-33. I got a nice letter verie from WMAA-17, of which a copy was sent to the "QSL Corner."

July 11 Es from Mexico - the station identified as "XHTRM, channel 22" and then into a clothing store ad. This was on channel 4. It must be new on the air or a call change, but a satellite of channel 22. I don't know the location of channel 4 or 22. I need help on this one. (I have a friend who translates my tapes for me - my Spanish is improving - as far as numbers and alphabet go.) If anyone has any ideas on this one - drop me a post card.



## Jim Pizzi (continued)

July 23 Es was the most productive. I spent a lot of time on the FM - very intense Es on July 11, 18, 22, and 24. Tropo on July 23 marked with an asterisk was received with a Motorola R-220 VHF military receiver. It is very sensitive (audio only). These three stations weren't seen or heard on any of my TV set-ups. KOAA-5 was a surprise as I was looking for KNME-5. The receiver has filtering - 200, 50, and 10 kHz. I can tune +, 0, or - offsets. Performance on Es is outstanding. Ms is unbelievable - bursts every 1-2 seconds. Unfortunately, it doesn't work on the high VHF, channels 7-13 - Rats!

July 24 Es of CKGN-6 (with Global ID) is definitely Paris. I was getting northern Ohio and Kitchener, Ontario FM's at that time. Channel 7 Es that day too - CCI on KVII-7, strong at times, but no ID's.

A couple of new states (CO and PA) this time around. Channels 2 (with 44) and 4 (with 45) are getting harder to ID new ones on.

I hope everyone is having as good a season as I am. I will have been two years at this location on August 1st.

After ten years in California (with little tropo and limited Es) my interest in DX'ing has improved by being here.

Till next time, 73's, Best of DX, Jim

Ronald Purdue - Route #1, Box 224, Byron, MN 55920

CDT

Equipment: RCA 1982 XL-100 color, J.C. Penney 5" b&w portable, Winegard CH-7084 with Winegard AC-4990 pre-amplifier at 28' above ground level.

June 1983			8 tr	2132 KTSB	27 KS	384	14 tr	0726 K22AC	22 MN	177	
27 Es	2048 XEPM	2 CH	1130	2134 KQMC	34 OK	656		0728 K34AF	34 MN	183	
	2052 XEJ	5 CH	1130	2136 KLDH	49 KS	384		0729 K36AA	36 MN	183	
	2054 KDBC	4 TX	1125	(New station w / ABC)			15 tr	0712 WOFB	39 IL	218	
28 Es	0715 KPRC	2 TX	1005	2202 KTVJ	16 MO	496		0713 WEEK	25 IL	278	
	1459 KNAZ	2 AZ	1175	2207 KOAM	7 KS	475		0716 WIFR	23 IL	194	
tr	1600 KTV	4 IA	222	2230 KHIN	36 IA	257		0720 WMBD	31 IL	278	
Es	1754 KID	3 ID	953	2249 WOI	5 IA	148		0721 KDUB	40(WI)	145	
	1800 KBCI	2 ID	1153	9 tr	0710 WIFR	23 IL	194	17 tr	0652 WMTV	15 WI	168
	1829 KUTV	2 UT	1047	0714 KDUB	40(WI)	145		0755 WHA	21 WI	168	
	2040 CHBCT	2 BC	1293	0756 WTV	17 IL	218		0818 WVCY	30 WI	237	
29 Es	1901 KDBC	4 TX	1125	0800 WYCC	20 IL	288		0820 WVTV	18 WI	237	
	1902 XEPM	2 CH	1130	0802 WSNS	44 IL	288	18 Es	2045 XEPE	2 TA	1220	
	1939 XEJ	5 CH	1130	0807 WFLD	32 IL	288	19 tr	1634 KSFY	13 SD	217	
				0808 WCIU	26 IL	288		1642 KMEG	14 IA	222	
				(Spanish)			Es	1644 XEPM	2 CH	1130	
July 1983				0817 WFCB	38 IL	288	tr	2028 K22AE	22 MN	87	
1 tr	2122 KMBG	14 IA	222	1248 WLRE	26 WI	222		(New Uln LPTV)			
	2124 KSIN	27 IA	222	10 tr	0709 K26AC	26 MN	260	2034 K32AF	32 MN	106	
	2131 WCIU	26 IL	288	(Brainerd LPTV - STV				(St. James KSTP-5)			
	2140 WSNS	44 IL	288	with Barker audio.)				2036 K50AB	50 MN	106	
	(STV - ON TV)			0710 K22AC	22 MN	177		(St. James KAAL-6)			
	2142 WFLD	32 IL	288	(Brainerd KSTP-5)				2038 K48AA	48 MN	106	
	2148 WCGV	24 WI	237	0712 K14AD	14 MN	140		(St. James LPTV)			
	(STV - SelectTV)			(Willmar KSTP-5)				2044 WLEF	36 WI	170	
	2201 WYCC	20 IL	288	0714 K30AF	30 MN	183		(Crystal clear)			
	2204 WLS	7 IL	288	(Alexandria LPTV)			20 tr	2047 WHRM	20 WI	155	
	2211 WFCB	38 IL	288	0723 K40AA	40 MN	183		0724 K18AI	18 MN	225	
	2219 WBSB	60 IL	268	(Alexandria KTHI-11)				(Grand Rapids LPTV)			
3 tr	1742 WFLD	32 IL	288	0729 K34AF	34 MN	183		1648 WGTU	29 MI	336	
	1844 KCBR	17 IA	178	(Alexandria LPTV)				1654 WBAV	2 WI	222	
	2125 WHRM	20 WI	155	0738 K20AC	20 MN	210		1659 WFRV	5 WI	222	
5 tr	1848 WVTV	18 WI	237	(Wadena KSTP-5)			21 tr	0713 WEEK	25 IL	278	
7 tr	0706 WFLD	32 IL	288	0739 K24AE	24 MN	183	22 Es	2130 KALD	4 ID	1153	
	0708 WYCC	20 IL	288	(Alexandria KSTP-5)				2132 KBCI	2 ID	1153	
8 Es	1531 KBCI	2 ID	1153	0800 K36AA	36 MN	183		2138 KID	3 ID	953	
tr	2110 KSPR	33 MO	478	(Alexandria WDAY-6)			23 tr	0808 W15AB	15 WI	109	
	2119 KAUT	43 OK	656	1105 WVCY	30 WI	237		(Rice Lake LPTV)			
	(My new tropo record)			13 tr	2102 KMBG	14 IA	222	0831 WLRE	26 WI	222	
	2124 KOKH	25 OK	656	14 tr	0724 K14AD	14 MN	140	0642 KYPC	50 MO	362	
	2130 KTEB	14 OK	656		0725 K20AC	20 MN	210	(CBTP- NOAA wx audio)			

July has been another superb month for DX! On the 8th, I managed to log the Oklahoma City U's at my greatest distance for tropo, 656 miles.

I also logged four new LPTV's this month. Three were carrying SPN (Satellite

## Ronald Purdue (continued)

Program Network) and the other local origination. Still no news of KXLT-47 or the new LPTV's for Rochester on channels 27, 60, and 65. (I wonder if KXLT will ever go on the air?)

If anybody knows, whatever happened to the Mailbox column in the VUD? It was the most informative part of the VUD! But anyhow, that'll wrap up another report for this month, and this is my third year with the club now! So, see you in 30, and good DX. 73's.

James J. Stiles, CFAO/NAFK, Box SU/LR ADP, FPO Seattle, WA 98770 (Okinawa)

JST

Equipment: Sharp 26" PAL/SECAM/NTSC color model C261-SPN, Radio Shack TV-20 outboard audio tuner, Grove Power-Amp wide-band preamp, three element 50 Mhz Grove Scanner Beam.

20 June 1800-1900	AFKN Korea A2, Seoul	3 July 1100-1400	KBS Korea A6, Masan
	KBS Korea A4, Yeosu		(Also Korea FM to 99)
1900-1930	China C1, C2, C3 unid.	4 July 0845-1000	China C1, C2 unid.
21 June 1200-1300	Phil. A2, DWX, Quezon	1000-1300	Phil. A2, DWX, Quezon
	Phil. A3, DYDY, Cebu		Phil. A3, DYDY, Cebu
	Phil. A4, DYBQ, Bacolod		Phil. A4, DYBQ, Bacolod
22 June 0900-1000	China C1, C2, C3 unid.	6 July 1200-1300	China C1, C2 unid.
1800-1900	Phil. A2, DWX, Quezon	7 July 1200-1300	China C1, C2 unid.
	Phil. A3, DYDY, Cebu	8 July 1200-1300	China C1, C2 unid.
	Phil. A4, DYBQ, Bacolod		Phil. A2, DWX, Quezon
23 June 1200-1400	China C1, C2, C3 unid.		Phil. A3, DYDY, Cebu
25 June 1500-1600	China C1, C2, C3 unid.		Phil. A4, DYBQ, Bacolod
26 June 0930-1230	China C1, C2 unid.	9 July 1600-1700	China C1, C2 unid.
27 June 1200-1300	China C1, C2 unid.	10 July 0900-1000	USSR R1, Vladivostok
28 June 1200-1330	China C1, C2, C3 unid.	11 July 1200-1300	China C1 unid.
	(Also Korea FM to 92.3)	12 July 1200-1300	Phil. A2, DWX, Quezon
29 June 1200-1400	China C2 unid.		Phil. A3, DYDY, Cebu
30 June 1200-1300	China C1, C2 unid.		Phil. A4, DYBQ, Bacolod
2 July 1600-1700	China C1 unid.	16 July 1100-1130	China C1 unid.
	Phil. A2, DWX, Quezon	1130-1300	Phil. A2, DWX, Quezon
	Phil. A3, DYDY, Cebu		Phil. A3, DYDY, Cebu
	Phil. A4, DYBQ, Bacolod		Phil. A4, DYBQ, Bacolod
3 July 1000-1100	China C1, C2, C3, C4 unid.	17 July 0900-1400	China C1, C2 unid.
1100-1400	KBS Korea A4, Yeosu	20 July 1800-1900	Phil. A2, DWX, Quezon
	KBS Korea A5, Seoul	24 July 0930-1030	China C1, C2 unid.

The E-skip season has been good this year with frequent openings and signal strengths permitting color reception most of the time. The past two weeks has seen a decline in activity, however. With some luck, by the end of August or September, there may be some TE skip to report. I am considering acquiring a scanner to monitor the TV audio frequencies in the 50-90 MHz range to catch any possible openings.

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

Equipment: VHF: Broadmoor 9" black & white, Winegard CH-7078; UHF: Magnavox 19" color, Winegard CH-9095, Blonder-Tongue CMA-Ub pre-amp; Alliance rotor.

July 1983	23 Es (MUF 96.1 @ 0941-WV)	24 Es (MUF 106.1 @ 2231-LA)
14 Es (MUF 104.7 @ 1916-NC)	(MUF 94.1 @ 1021-VA)	(MUF 102.9 @ 2304-LA)
1930 WCYB 5(TN)1041	1027 WRAL 5 NC 1215	2328 KUTV 2 UT 880
(MUF 102.1 @ 1959-NC)	1129 WMAV 2 MS 1015	26 Es 1959 KETS 2 AR 890
15 Es 1700 WLBZ 2 ME 1355	1159 KETS 2 AR 890	29 tr 0927 K61AU 61 MN 155
(MUF 93.1 @ 1721-NB)	1408 KBTX 3 TX 1120	(Granite Falls WCCO-4)
18 Es 1958 XEPM 2 CH	1409 KPRC 2 TX 1195	0950 K70DH 70 MN 140
22 tr 0655 WEEK 25 IL 560	(MUF 90.1 @ 1421-TX)	(Aitkin KDLH-3)
0859 WKOW 27 WI 445	1429 KIII 3 TX 1330	
0930 WHA 21 WI 445	1459 unid ch 3 Mexico	
Es 2153 KUTV 2 UT 880	1515 KACE 3 TX 1070	August 1983
(MUF 104.3 @ 2158-UT)	1529 KMTD 2 TX 1060	1 AE 0010 WKTV 2 NY 1095
2224 KTVX 4 UT	(MUF 107.9 @ 1609-AZ)	0012 CBFT 2 PQ 1110
(ABC CCI - KXJB)	24 Es 2006 unid ch 2 NBC se	0014 unid ch 3 CBS e
2228 KSL 5 UT 875	(MUF 107.3 @ 2035-GA)	5 tr 0044 K60BL 60 MN 135
23 Es 0059 CFAC 2 AB 840	(MUF 104.5 @ 2135-MS)	(Max WIRT-13)
0929 WPMY 2 NC 1150	(MUF 104.5 @ 2205-MS)	5 tr 0048 K62BH 62 MN 135
		(Max KDLH-3)

(continued on page 32)

# SOUTHERN FM DX

SEPTEMBER 1983

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075  
(note new zip code)  
DEADLINE: 10th

DOUBLE HOPS BRING IN JAMAICA, PUERTO RICO AND EVIDENTLY COLOMBIA.

Steven John Taaffe, 621 Warren, Topeka, KS 66606

Greetings from Kansas. I'm a relatively new member to WTPDA but have been DXing for about 12 years and have been here in Kansas since 1977. Originally from Dayton, Indiana, which is near Purdue University. I'm an avid FM DXer and the last year hasn't really produced that much spectacular stuff until recently. I added Indiana, finally, in the form of WASK-FM with ID and c/w mx and also Texas and Arkansas. For some reason have had difficulty hearing the later two but have no problem hearing North Carolina. FM cx are sure different. A great skip opening over the Fourth of July produced several stations from North Carolina such as WFDD and WMAG 99.5, WPCM 101.1 & WPEC in Concord. All of those verified by letter and many more reports out. Local KTFK was recently off air on 106.9 and was able to hear much wanted KBLT 107.1 in Baxter Springs and also KTXV 106.9, Jefferson City, MO, which recently verified. Then last night July 24, 1983 had a tremendous skip in from Florida with the following heard: WYKS 105.5, WPAP 92.5, WUFT 89.1, WRBQ 104.7, WQYK 99.5, WCLF 104.1, WIQI 100.7, WAAZ 104.9(3000 wts.), WFSU 91.5, BJ105, WQQQ 107.3, Columbus, GA, WTCQ 102.3, GA and to top it off CJAY 92.1 of Calgary, AL plus others. All taped and reception reports sent. State total is around 34 or so. New receiver here is Technics digital synthesizer with "wing antenna", which is very sharp and nulls very well, well worth the investment. So far 1983 has been great for skip but nothing like summer of 1980 when Mt. St. Helen's went off and I heard WNHV 95.3, White River Junction, VT and got them vfd by letter. Any other area DXers in Kansas? Feel free to write. I'm also an avid BCB and shortwave DXer, but nothing beats FM skip in the summer. My wife can't get me away from the receiver in the summer. TV DX is also good here. 73's from Kansas. It's been a hot nuggy 100 degrees here. (Same in Oklahoma, DB.)

Bill Townshend, 4500 Conn. Ave. NW #901, Washington, DC 20008

6/23 tr  
0817 WYFI 99.7 VA Norfolk, g  
0847 WLYT 95.7 VA Norfolk  
0848 WESR 103.3 VA Onancock  
0851 WGLU 103.1 VA Culpeper, C-103  
0900 WGH 97.3 VA Newport News, c  
6/28 tr  
0809 WQKS 96.5 VA Williamsburg, Kiss-96

This brings my total heard to 104. The afternoon loggings were at Timbering in Oakton, VA while the morning reports were from my work site in Marlow Heights, MD. Just before I "turned to" (Navy lingo for start work) for the day. 73's, Bill Townshend [ICF-SSW, a Sony]

Tim McVey, Rt. 3, Box 568, Bolivar, TN 38008 3-7 to 7-10 CDT

6/6 Es  
1945 KTDB 89.9 NM Ramah, also KOB and KNAZ on TV  
1950 KFLG 92.9 AZ Flagstaff, & KCTB 93.9  
6/8 Es  
1700 WBUF 92.9 NY Buffalo, with WGR-2  
6/9 Es  
1610 KTAJ 93.9 WY Riverton, ads  
1615 KTAJ 92.7 WY Rawlins, K\$ (sig. 4.5!)  
1616 KTRS 95.5 WY Casper, r, ID  
1617 KAWY 94.5 WY Casper, aor  
1618 KQSK 97.5 NE Chadron, Wolfman Jack  
1620 KODY 94.9 NE North Platte, r (Why isn't this in Cody?)(And why isn't KQKC in Okla. City? DB)  
1625 KUAD 99.1 CO Windsor, "Quad-99"  
1626 unID 103.5 mentions N. Platte and Ogallala, r\$  
1631 KERM 98.3 WY Torrington, K\$, ID  
1634 KLEW 96.5 WY Sheridan, k  
1635 KYIA 93.3 MT Billings, r "Y-93"  
1636 KECQ 92.5 WY Cody, K\$ "Q-92" full ID  
1638 KFAH 92.1 NE Alliance, r\$, ads for Chadron  
1700 KXRC 93.7 CO Craig, m\$ "FM-94"

6/30 tr  
0829 WYDL 92.1 VA Chester, g  
7/3 tr  
1610 WKNZ 97.5 WV Martinsburg, r, K-975  
1715 WQST 102.5 VA Winchester, k, Country Q-102  
7/12 tr  
0815 WMO 102.1 NC Reidsville

7/12 tr  
0815 WMO 102.1 NC Reidsville

SOUTHERN FM DX

6/11 Es  
XHFR 101.3, XHVE 102.1, XHTS 102.9  
1750 XHCP 96.5 TAB Villahermosa, m\$, lots of IDs (Estado #11)  
1756 XHVV 97.3 TAB Villahermosa, m\$, ID  
1905 Puebla in: XHNP 89.3, XHRS 90.1, XHRC  
6/25 Es  
1730 XET 94.1 NL Monterrey  
1840 El Paso in, MUF rising, area enlarging  
1900 Amarillo-Lubbock, TX, most of NM in  
1909 Here we go! MUF at TV-8!  
1916 KAZY 106.7 CO Denver, r (signal 4)  
1917 KPFL 107.5 CO Lakewood, "K-people"  
1920 I'm buried in CC on nearly all channels...zillions of relongs  
1930 KYGO 98.5 CO Denver, k  
1942 unID 106.5 K\$ "Kick-country-106"  
1945 KKRQ 107.3 KS Wichita, r  
1946 unID 107.1 L lots of talk, no ID  
1949 KSTC 104.7 CO Sterling  
1950 KLMO 104.3 CO Longmont, BB game  
1951 KJLS 103.3 KS Hays  
1955 KEYN 103.7 KS Wichita  
1956 KZMC 106.3 NE McCook, r\$, ads, ID  
2006 KBUF 97.3 KS Garden City  
2010-2100 supper time: KUAD 99 in the whole time in \$  
2105 KBIL on TV, but dangerous shifting of duct back to TX....  
2155 after a zillion more re-logs, MUF plummets below 70 MHz.

McVey, cont.

6/26 Es  
1158 WDAY 93.7 ND Fargo, r "Y-94"  
1156 KKKL 92.9 ND Grand Forks, r "XL-93"  
1159 KFWN 97.9 ND Fargo, c\$  
1200 KYTN, KRFM ND G. F.  
1203 CHIQ 94.3 MB Winnipeg, m\$ "Q-94"  
7/3 Es  
1000-1900 TVI ch. 2-5 from Cuba & FL. In NINE HOURS the MUF never got to FM, ugh!!  
2047 WSCD 92.9 MN Duluth, c\$  
2050 WJFM 93.7 MI Grand Rapids, prev. tr  
2051 unID 93.9 heard WFOV & Ashland, WI ment.  
2052 WLVE 94.9 WI Baraboo  
2053 WDRQ? 93.1 MI Detroit, tent.  
2056 WYMK 93.1 MI Iron Mountain, k, ID  
2101 WEFZ 92.9 VT Burlington  
2126 WKRI 95.1 CT Brookfield, "I-95-FM"  
2130 WSSH 99.5 MA Lowell, Boston wx  
2133 WGGY 93.7 MA Lawrence, ID  
channels packed below 100, but alt'g domination and quick fade-outs left me with more unIDs than IDs.  
HUNTSVILLE DX: Pitiful. I wound up in an apartment in a deep valley in SE Huntsville. Friends report Es at times, but none ever makes it down the mountain.  
6/13 EGW  
2037 WSTO 96.1 KY Owensboro, r  
7/7 tr  
0626 KTXR 101.5 MO Springfield, b (400 mi.)

It looks as if the Bolivar log will stay active this summer, after all, since my AL QTH is not good for DX and TN is. Equipment is a JVC JT-V22 tuner, a Pioneer F-5 digital tuner, Finco FM-5 antenna at TN. The FM-5 is an excellent tuner, which tunes by a knob and 4-gang variable capacitor and gives digital readout to 0.05 MHz (or 1 kHz on AM). Sensitivity is 0.95 uV, C. R. is 1.0 db, a. c. selectivity is 60 db. Folks wanting a spec sheet or info on how I built a headphone amp and SCA converter into the F-5 should write me.

A friend of mine in McGeehee, AR, Miss Anne Tenner, is attempting to set a world record for counting objects. It seem after serious contemplation of the things she could count in order to get the largest numbers, she decided to count all the radio stations with "K-", "KIX" and "Q" slogans...73's, T. K. (I think she could make more constructive use of her time by DXing, DB.)

Ken Simon, 513 Sixth Ave. South, Lake Worth, FL 33460

12/15 '82 Es  
2000 92.5 KKNG Oklahoma City, OK, ads, ID  
2006 93.3? unID C&W with Chaney, KS ment.  
2015 93.1 KWLS Pratt, KS --KS wx, ID  
WHRS 90.7 moved antenna from Boynton Bch. studio site to WHRS-TV tower and tested then announced WHRS West Palm Beach...new? (yes, DB.)  
4/19 gw  
1258 88.5 WKPX Sunrise, new local  
5/24 Es  
1513 90.1 WMBI Chicago, IL, g  
1520 91.1 WGYD Kenosha w/WI pub. radio  
1830 88.9 WEEA Baltimore w/dis. show ment. Baltimore. tent.  
1837 92.9 WBUF Buffalo NY WGRZ-TV ch 2 ad ID FM93  
1839 106.3 unID "World Today" news  
6/8 Es  
1745 91.7 unID ATC/NPS  
1746 99.3 unID C&E ID "XTLS" maybe KWLS??  
6/9 Es  
1855 88.1 TG-- Guatemala w/local ads  
1857 88.0 TG-- Guatemala w/ Hertz "conoce Guatemala" ad  
6/9 Es  
1900 91.9 TG-- Guatemala latin MCR and Sintex ad, saw same on TGV-3...sounded like Guatemala City address  
1910 96.1 unID SS newx, faded by 1910, suspect Guatemala  
1942 96.1 TG-- Guatemala..def. ad for R. Nuevo Mundo  
1953 96.9 TS-- El Salvador, R. El Salvador ID  
2000 98.1?unID latin with ID "-F"  
2004 101.3 unID latin "Radio Oepallin" or Sepallin??, Zeppellin??  
6/25 Es  
1910 107.3 KKRQ Wichita KS, city ment.  
1915 107.5 WGBR Detroit MI, ID, Rocking 107  
1918 106.1 KLFQ Lyons KS, ID  
1920 103.7 KEYN Wichita KS, K-YN ID  
1928 100.3 unID FM100  
1930 99.5 WQCY Quincy IL, city ment.  
1932 107.1?unID ID sounded like KBKV  
1953 92.3 KEBZ Omaha NE, local ad  
1955 104.1 KEBZ Ames IA, local ads  
104.1 WJFM Jerseyville IL, city ment.  
cont....

6/25 Es  
2002 103.7 KJAN (atlantic IA, ID  
2005 98.3 KFMZ Columbia MO, "MZ Columbia" ID  
2012 101.3 UNID (ch. lottery numbers  
2021 97.1 KCFM (lorissant MO, ID  
2027 100.1 WKLI (ngola IN, ID  
100.1 WSHN (reemont MO, ID  
2032 105.5 KLUK (nob Noster MO, ID  
2034 103.3 KPHS (ansas City MO, local ad  
2038 94.5 KTTT (pringfield MO, city ment.  
2040 94.9 WAAC (alesberg IL, city ment.  
2041 95.1 KIOT (chita KS, city ment.  
2048 102.1 WQWQ (ubois PA, local ad  
2052 106.1 KCHA (vasso OK, c, Tulsa ment.  
2103 105.7 KMKC (iloom Springs AR, K106 ID,  
AR wx  
2112 101.9 WVAQ (argantown WV, ID  
2115 100.3 KDVV (opeka KS, Rock V100  
2130 101.3 KPDI (chita KS, local ads  
2142 100.3 KJZZ (acksonville AR, Little  
Rock ment., m

Jim Pizzi, P. O. box 1778, Lovington, NM 88260 (505) 396-3432 - 7-5 to 7-25

7/5 Es  
1657 WNCV 96.7 I Paris, calls 1121  
1700 WFRX 97.7 I West Frankfort, ads, 878  
calls  
1705 WUEV 91.5 I Evansville, calls 950  
2102 KDDB 92.5 a Paso Robles, k, tent.  
2103 KUNA 96.1 a San Luis Obispo, tent., b  
2105 KDOL 97.7 a Mojave, ads, "FM-98" 855  
2109 KXPM 99.1 a Santa Maria, promo 990  
2131 KPEN 97.7 a Los Altos 1090  
2132 KSCO 99.1 a Santa Cruz, tent., b  
2133 KYUU 99.7 a San Francisco, calls 1116  
2134 KBAY 100.3 a San Jose 1080  
2135 KRAY 103.9 a Salinas, SS L 1062  
2140 KNAV 96.9 a Monterey, calls, ads 1070  
2142 KCON 104.9 a Pacific Grove, ads  
2149 KXZU 90.3 a Pacific Grove, tent  
2151 KUBO 90.9 a Chualar, tent  
2156 KUSP 88.9 a Santa Cruz, tent  
2200 KJFA 92.1 a King City, SS ID & 1035  
EE ID/SS L  
2204 KHIS 96.5 a Bakersfield, g 910  
7/6 Es  
1806 KHZN 92.1 a MC Zamora, calls, "Radio  
Fabulita", "Radio Zamora" 876  
1809 X 1 104.1 a Leon, "Radioglobo, the  
mx connection", "FM Globo", ads 870  
2133 KHUZ 105.3 "call + "105-FM" @1831 +  
"Mas Morena" (a modern)  
1824 KHAGC 107.9 a Aguascalientes, ID @  
1825 "sono imag"  
1835 XHLC 98.3 a Leon, XHLC = "el ehey efee  
eme" (phonetic) is "IG-FM" (got SS inter.)  
1838 XHPQ 97.5 a Leon, "Stereo Nova" 810  
1847 XJAM 91.1 a Leon 1900 ID as "91.1 Leon &  
101.7 Guanaajuat", also "Radio-TV Guanaajuat"  
(I've rec'd. Guanaajuat on 101.5 (XHBN on  
6-29) I have KJLA 101.7 local 7 freq. was  
definitely 101.4)  
1847 XHEO 91.5 a Guadalajara, tent. ment.  
Leon, restaurant, ad, SS L  
1850 XHNN 93.5 a Irapuato, disco, 840  
calls @1903  
1852 XHNY? 95.1 a Irapuato. SS, rock,  
Eng. mx (FM Atlatl) list 95.1 as XHNN (call  
switch with 93.4)?

6/25 Es  
2152 103.3 KWDZ Mountain View AR, city ment.  
2157 104.3 KZRC Marshall AR, FM104 Country  
Companion  
2200 105.1 KMJX Conway AR, ad for KLRT-16 TV  
2211 102.5 KXUZ Joplin MO, local ad  
2215 99.3 UNID "KGBU" KG99 ???  
6/28 Es  
1835-37 unIDs 88.9 NPR All Things, 93.1, m  
tr  
1838 107.5 WKQP St. George SC, r, "Cupe" ID  
1842 107.1 UNID MTV audio  
1957 88.1 WRJA Sumpter SC, SC ed. net  
2027 106.3 WGP Melbourne FL, relig. then ID  
7/9 Es  
2024 93.1 UNID rock over WMTI  
tr  
2033 92.5 WFYN Key West FL, ID  
Es  
2047 92.3 WKXK Roanoke VA "K-92" #481  
tr  
2054 107.7 WJYO Orlando FL, ID

7/6 Es  
1929 XHOY 90.7 Guadalajara, tent. disco,  
"Progressa" SS  
1933 XHPI 93.1 Guadalajara, tent. SS L  
(per R. F. S. list 1981)  
1959 XHRA 89.9 Guadalajara, SS, r, calls +  
"Stereo Soul" 840  
2000 XHCO 92.3 Guadalupe, SS, L  
7/8 Es  
0908-13 unIDs 88.3-90.7  
0913 WKYK 91.3 KY Lexington, calls 1103  
0921 WHNN 96.1 MI Bay City, calls 1247  
0925 WXCG 96.5 WV Williamson, ads, calls, 98FM  
0926 WTON? 98.3 VA Lynchburg, ad ment Lynch-  
burg, wx-WGOL?, new calls? 1386  
tr  
0928 KMML 98.7 TX Amarillo, "Country Fever  
98-7"  
Es  
0937 WQLA 104.9 TN La Follette, ad ment.  
Clinton 1112  
0938 WTQR 104.1 NC Winston-Salem, calls 1328  
0943 UNID 104.5 N. east, r, "rock 105" "The  
rock"  
0948 WCRJ 107.3 FL Jacksonville, calls 1300  
0950 WKXK 106.7 AL Enterprise, promos, ads,  
calls @0952 1040  
0951 WKZL 107.5 NC Winston-Salem, "107-KZL"  
0953 WIYY 102.9 FL Jacksonville, ch 30 TV  
promo 1300  
0955 WIMZ 103.5 TN Knoxville, "104IMZ" 1125  
0956 WFMX 105.7 NC Statesville, ads 1281  
0958 WAZU 102.9 OH Springfield, calls 1170  
1007 UNID 103.9 N. East/East, ads ment.  
Hubert Heights Spring Valley, The New Magic  
1010 WGLF 104.1 FL Tallahassee, "Gulf 104"  
1025 WMCB 90.5 TN Collegedale, promos 1045  
1033 WXMN 102.7 FL Milton, ads, "X-102" 980  
1034 WGNM 98.5 FL Panama City, calls @1036  
1035 WKNU 106.3 AL Brewton, calls 975  
1037 WBCM 98.9 FL Tallahassee, wx, FM99 1233  
1038 WPAP 92.5 FL Panama City, ads 1071  
1039 WPFM 107.9 FL Panama City, "FM-108"  
1052 WBAW 98.9 AL Montgomery, nx 990  
cont.....

7/8 Es  
1055 KLPI 89.1 LA Ruston, calls 615  
1100 WTSU 89.9 AL Troy, calls 1022  
1100 WKWQ 92.1 SC Batesville, calls 1242  
1105 WKGS 96.3 TN Murfreesboro, "96-KGS"  
1110 KASU 91.9 AR Jonesboro, nx 747  
1114 KZIC 89.9 AR Cave City, calls 712  
1120 WKYU 88.9 KY Bowling Green, tent.,  
farm report  
1123 WLTR 91.3 SC Columbia, Giving calls  
for net "Rock Hill 88.9 & WL--", f/out  
2011 WVTF 89.1 VA Roanoke nx, wx, 1341  
"FM-89"  
7/10 tr  
0948 KXLS 99.7 OK Alva, ads, calls 370  
0956 KMBR 99.7 MO Kansas City, ID @1030,  
EL not b, heard Gordon Lightfoot mx  
1032 KYYS 102.1 " ", "KY-102", ads  
1103 KPHS 103.3 " ", s  
1119 KBEQ 104.3 " ", calls @1121  
+ "Q-104"

7/11 Es  
1700 UNID 91.5 east "Keep in touch with us  
on 92.7, 95.7, & 91.5".  
1725 UNID 89.3 east, g

2 Es  
1726 Radio Jamaica-1 90.5, Spur Tree, Ja-  
maica, reggae mx, lots of ads. In for over  
20 mins. man DJ--heavy accent. 1930  
(1 kw ONDAS)  
1727 JBC-2 91.1 Cooper's Hill, Jamaica, k,  
woman DJ w/British accent, stronger & better  
audio than 90.5. (2 kw ONDAS) 1940  
1734 JBC 92.1 Montego Bay, tent. SS  
Guban? (no listing for Cuba) soap opera,  
maybe Colombia?

Es  
1734 WUSF 89.7 FL Tampa, calls 1305  
1738 WMMK 92.1 FL Destin, K-92, ad ment.  
Ft. Walton 1015  
1753 WCKW 92.3 LA Laplace, ads 790  
1756 WBRH 90.3 LA Baton Rouge, calls 743  
1800 WBRH 88.3 LA New Orleans, nx 819  
1823 WKYK 104.9 MS Moss Point, ad ment.  
Ocean springs + "Y-105" 898  
1824 WBLE 105.9 FL De Land, calls 1346  
1826 WKNU 106.3 AL Brewton, calls, KNU 975  
1829 WWSA 107.3 FL St. Petersburg, ID 1300  
1832 WJYO 107.7 FL Mount Dora, ID 1359  
1833 WBJW 105.1 FL Orlando, "BJ-105"  
1834 WBRQ 104.7 FL Tampa, ads, "Q-105" 1305  
1836 WRLY 106.7 FL Leesburg, r, "Y-106" 1319  
1837 WJCI 100.7 FL Tampa, calls, W-101 1305  
1841 WPMO 99.1 MS Pascagoula, promo, calls  
1845 WJAD 97.3 FL Panama City, ads 1071  
1848 WQXM 97.9 FL Clearwater, 98-rock 1292  
1850 WCUP 100.3 GA Tifton, calls  
1851 WNSL 100.3 MS Laurel, ads, SL-100 835  
1853 WABE 97.5 AL Mobile, wx, calls 936  
1900 WKYD 98.1 AL Andalusia, calls 1008  
1900 WKRC 99.9 AL Mobile, "G-100", calls  
1902 UNID 96.9 east, "97-rock" phone in  
pgm "Lifeline"  
1903 WCUF 97.7 MS Gulfport, ad, ment. 867  
bay St. Louis  
1906 WTYL 97.7 MS Tylertown, wx, calls 788  
1931 WGLY 93.5 FL Vero Beach, calls 1440  
1932 WGBA 93.5 AL Geneva, promo, ment. Elba  
1935 WGVV 95.5 FL Ft. Pierce, wx, calls  
WGNE 98.5 FL Panama City, ads 1071

7/11 Es  
1936 WIZD 98.7 FL Ft. Pierce, ads 1449  
1937 WPCV 97.5 FL Winter Haven, ads, PCV 1350  
1942 WKES 101.5 FL St. Petersburg, calls 1300  
1949 WRKT 104.1 FL Cocoa Beach, calls 1409  
1954 WSHE 103.5 FL Ft. Lauderdale, calls 1500  
1955 WSWN 93.5 FL Belle Glade, s, ad ment.  
Glewiston 1458  
1956 WEAT 104.5 FL W. Palm Beach, ID 1485  
2000 WHOO 96.5 FL Orlando, "who-FM" 1359  
2029 WUCF 89.9 FL Orlando, local concert nx,  
"89-FM" 1359  
2031 WMCU 89.7 FL Miami, ID 1508  
2032 WJRW 92.1 FL Williston, ads ment. 1258  
Williston  
7/12 Es  
1154 WBTR 92.1 GA Carrollton, ment. Douglas  
Co. 1058  
1156 WYCH 93.5 GA Hazelhurst, ads, call 1215  
1201 WBLU 92.1 GA Hinesville, ID, Blue 92 1283  
1659 WBCU 88.1 OH Bowling Green, ID 1213  
1700 WHHE 92.5 OH Toledo, ID 1215  
1704 WPRO 99.1 OH Fremont, wx, ID 1238  
2125 KGCN 92.3 OH Portland, calls 1319  
2127 unIDs 93.3 EL, 95.3 b, n. west  
7/14 tr  
0903 KRUN 103.1 TX Ballinger, k, "K-103" 222  
calls @1300  
Es  
1710 WFBC 93.7 SC Greenville, calls 1206  
1719 WFTN 92.5 FL Key West, wx, calls, r 1463  
1754 WIZD 98.7 FL Ft. Pierce 1449  
1800 WBLV 90.3 MI Twin Lake, ID 1140  
1827 WNNW 99.5 MI Coldwater, calls 1167  
1828 WJBC-4 98.3 ON London, FF 1364  
1831 CPLY 98.3 ON Kingston, ID 1607  
1833 WSOV 98.3 GA Jessup, calls, g 1260  
1839 WPTO 101.5 GA Brunswick, calls, ads 1292  
7/17 Es  
2046 UNID east "Magic 100"  
2050 WESC 92.5 SC Greenville, wx, "ESC" 1206  
2055 WMBW 88.9 TN Chattanooga, g, ID 1035  
2057 WBYN 89.7 TN Chattanooga, g, ID @2059  
2058 WLRH 89.3 AL Huntsville, ID @2101 968  
2100 WSMC 90.5 TN Collegedale, ID 1045  
2103 WTM? 99.3 (WQMT?)  
2104 WBPA 99.3  
2105 WSSL 100.5 SC Laurens, "whistle" 1229  
calls @2113  
2108 WZYP 104.3 AL Athens "ZYP" 945  
2123 WDOO 96.5 TN Chattanooga, wx, calls  
7/18 Es  
1450 KYIZ 96.1 ND Williston, wx, ID 1026  
1452 CBKF 97.7 SK Regina, FF 1188  
1454 CFMQ 92.1 SK Regina, calls 1188  
1456 WDIJ 100.3 FL Orlando, calls 1359  
1457 CKIT 104.9 SK Regina, EL, nx, calls  
@1505 1188  
1458 UNID 98.9 rock  
1501 UNID 105.9 mx? Cuba? SS  
1508 WAIV 96.9 FL Jacksonville, calls @1510  
1509 WWSA 107.3 FL St. Petersburg, ads 1300  
1513 CBKS 105.5 SK Saskatoon, c tent.  
1515 WPCV 97.5 FL Winter Haven, calls 1350  
1525 WCIE 91.1 FL Lakeland, g, "CIE" 1337  
1527 WMEF 90.7 FL Orlando, nx, "FM 90 Plus"  
@1529 + calls 1359  
1534 KAAK 98.9 MT Great Falls, "K-99" ads  
1537 KTAG 97.9 WY Cody, r, calls 842  
cont.....



7/18 Es  
1539 unID 96.3 "Golden Triangle"  
1549 KPCQ 92.5 WY Powell, calls, ads, 992  
1552 CBBC 91.7 AT Lethbridge, 1215  
"91.7 Lethbridge" @1600  
1604 CBX 90.9 AT Edmonton, tent CBC  
1621 KNUW 94.5 MT Great Falls, wx, "Rock-95"  
1647 CJAY 92.1 AT Calgary, CJ-92, ads 1328  
1654 CKUA 93.7 AT Calgary, c, calls, nx  
1833 unID 92.1 mx? SS, L  
1857 unID 89.9 WV WV pub. radio(WHPW/WVNP)  
1900 WRMB 89.3 FL Boynton Beach, 1485  
calls  
1901 KKBX 92.3 TN Milan, FM-92, ads @1930  
1934 WIVK 107.7 TN Knoxville, calls 1125  
1938 WVKX 104.5 TN Gallatin, ads, "Kix-104"  
1941 WUBE 105.1 OH Cincinnati, ads, "UBE"  
1943 WKTA 106.9 TN McKenzie, g pgm., promos  
WLAC 105.9 TN Nashville, 968  
1954 WBNB 102.7 OH Cincinnati, calls 1125  
2002 WBCI 90.3 IN Fort Wayne, ment. Allen  
Co., time in OH & MI 1130  
7/29 tr  
2121 KHRB 95.3 TX Dumas, nx, wx, "\$-95" 212  
7/20 Es  
0957-1020 unIDs 88.9-93.7 mx SS  
1015 KHPQ 97.5 GTO Leon, "\$-Nova" 810  
7/22 tr  
0901 KNCI 91.3 TX Killeen, wx, ID 353  
Es  
1730 WLTR 91.3 SC Columbia, ID 1287  
1732 WABE 90.1 GA Atlanta, ID 1098  
1734 WDJQ 93.7 AL Birmingham, calls 959  
1734 WLIK 96.1 NC Shelby, ads 1247  
1738 WBRK 92.5 KY Owensboro, ads  
1743 WNCW 96.7 KY Paris, ID 1121  
1743 WSTO 96.1 KY Owensboro, "96-STO" 968  
1747 WVLK 92.9 KY Lexington, ads, K-93 1103  
1748 WSIK 97.9 TN Nashville, ID 968  
1755 WQQQ 98.1 KY Lexington, ads 1103  
1803 WDAV 89.9 NC Davidson, calls 1283  
tr  
1809 KIXC 100.9 TX Quanah, k, ads, 222  
"Kicks 100"  
Es  
1855 WJMT 93.5 WI Merrill 1094  
1900 WVPN 88.5 WV Charleston, ID 1256  
1903 WLLI 96.7 IL Joliet, wx, ID 1013  
1907 WLAU 96.9 MI Grand Rapids, ads 1170  
7/23 Es  
1039 CBON-20 89.3 ON Thunder Bay, FF 1260  
1040 unID 90.5 north/WN7, g  
1040 KSJN 91.1 MN St. Paul, wx, nx 968  
1042 CITT 92.1 MB Winnipeg, 92-City FM 1193  
1045 CHMM 97.5 MB Winnipeg, wx, 97FM  
1046 CBW 98.3 MB Winnipeg 1193  
1057 KEYA 88.5 ND Belcourt, promos, 1095  
"kee-ya"  
1204 WM-- 92.5 n. east, rock  
1215 CKGL 96.7 ON Kitchener, promos, ID 1409  
1217 WNNW 98.5 MI Coldwater, ads, 1167  
calls  
1221 WZZZ 92.7 MI Flint, calls 1260  
1224 CJOM 88.7 ON Windsor, "ohm radio,  
Windsor-Detroit" 1261  
1333 unID 30's mx  
1334 WIAA 88.3 MI Interlochen, c, fund 1224  
raising, promo  
1344 WDJQ 92.5 OH Alliance, ID 1319  
1346 WMKX 95.9 PA Brookville, ads 1440

7/23 Es  
1353 WZFR 100.3 PA Meadville, ID 1390  
1354 WNFQ 95.9 OH New Philadelphia, 1305  
tornado watch  
1400 WMHE 92.5 OH Toledo, live from Findley  
1401 WBCQ 92.7 OH Bucyrus, ID 1238  
1427 C??? 89.1 ON Ft. Francis, FF, calls? 1173  
1500 CBON-20 89.3 ON Thunder Bay, ID 1260  
1539 WAWN 92.7 WI Kewaunee, ads, 40's band  
mx, Maggie's Ice Cream Parlor in Algoma  
7/24 Es  
0945 unIDs 89.7, 90.3, 92.5 very brief  
1903 KCBX 90.1 CA San Luis Obispo, c tent.  
1951 KBBF 89.1 CA Santa Rosa, SS, L 1143  
1958 WVKX 94.5 VA Richmond, promo, "Q-94"  
2001 WTVR 98.1 VA Richmond, k, wx @2019, FM98  
2002 WRLX 102.1 VA Richmond, r 1472  
2003 WBSZ 105.7 VA Richmond, r  
2121 WTOR 104.1 NC Winston-Salem, calls 1328  
2022 WZTC 103.3 NC Newport, tent., k  
2026 WDCG 105.1 NC Durham, "G-105" 1400  
2030 WIMZ 103.5 TN Knoxville, promo, calls 1125  
2032 WKTC 104.3 NC Tarboro, calls, "KT  
country" 1472  
2038 WIVK 107.7 TN Knoxville, ID @2041 1125  
2043 WAKG 103.3 VA Danville, ID 1373  
2045 WPTM 102.3 NC Roanoke Rapids, ads. 1463  
2051 WCFI 98.7 WV Wheeling, calls 1328  
2052 WTP? 104.7 east calls  
2100 WYDD 104.7 PA Pittsburgh, calls 1373  
2102 WDMT 107.9 OH Cleveland, calls 1310  
2103 WQXK 105.1 OH Salem, ID 1328  
2105 WCLW 105.3 OH Mansfield, calls 1247  
2107 WKWV 106.5 WV Clarksburg, calls 1387  
@2119  
2109 WKHT 104.9 ?? "K-H-T-105"  
2113 CFCA 105.3 ON Kitchener, sports, calls  
@2116 + "FM-105"  
2117 WAMO 105.9 PA Pittsburgh, ads, promos +  
"FM-106" 1373  
2123 WLLZ 98.7 ME Detroit, calls, r 1260  
2128 WVEZ 106.7 KY Louisville, calls 1049  
2131 WDJQ 92.5 OH Alliance, promos, 1319  
"Q-92-FM"  
2137 WSKS 96.5 OH Hamilton, ads, "96-Rock" 1130  
2148 WAZU 102.9 OH Springfield, ads, AZU 1170  
2151 unID 102.7 n. east "The Hot One"  
2153 WERN 102.7 OH Cincinnati, ads 1125  
2156 WBLZ 95.3 OH Xenia, calls 1167  
2157 WCMF 100.5 OH Bellville, "WCMF-FM" 1320  
2158 CKOT 101.3 ON Tillsonburg, tent.,  
Canadian "OWT for out in promo"  
2159 WCUZ 101.3 MI Grand Rapids, nx 1170  
2200 WLOO 100.3 IL Chicago, ID 1040  
2201 WNTC 100.3 MI Dearborn, ID 1255  
2205 unID 98.7 n. east "The Rock of Ages", r  
2206 WNGO 101.3 OH Ashland, s/off 1265  
2211 WNST 104.5 OH Wooster, s/off 1283  
2212 WXTT 92.3 OH Columbus, ads ment. 1215  
Worthington  
2213 WWWW 104.9 IN Columbus, promos 1058  
2216 WKWK 97.3 WV Wheeling, "97-WK" 1328  
2219 WKCQ 98.1 MI Saginaw, "KCQ" 1237  
2220 WMSW 94.5 PA Pittsburgh, 3WS, wx 1373  
2227 WUSN 99.5 IL Chicago, ads. ment Aurora  
2229 WHNN 96.1 MI Bay City, "WTN-96" 1247  
2232 WUCN 99.7 MI Midland, wx 1240  
2242 WMUS 106.9 MI Muskegon, ads, k 1148  
cont.....

7/24 Es  
2247 WUCM 91.7 MI Ann Arbor, promo 1229  
2256 WKSU 89.7 OH Kent, ID 1319  
2259 WPT? 89.3 n. east s/off  
2308 WGLL 98.5 OH Cleveland, ads, promo  
for WIZ-25 1310  
ms  
2310 WACF 98.5 IL Paris, "...RIS, IL 968

Well, another hectic report with lots of intense Es. 7-6 brought Mexico with unlisted stations on 105.3 & 91.1. XHNH is listed on 95.1 but heard calls on 93.5. And XHNY is listed on 93.5 but heard on 95.1. (I have a SS interpreter). They must have switched calls or ONDAS & FM atlas is in error.

7-8, 11, 18, 22, 23 & 24 very intense with lots of unIDs and 3 to 6 hours long (good thing the toilet's nearby—I don't miss any DX, hi). Another new unlisted Mexican on 7-25, XHVV 97.3. Mexico listings need to be updated as there seems to be a lot of activity going on in FM. Really giving the FM equipment a good work out this summer. That's it for now. 73's. Best of DX, Jim.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075 - 7/11 to 8/10 CDT  
Equip.: Pioneer TX-9100 tuner, Antennacraft GFM-10, 30 ft. high, and rotor

7/11 2Es  
1915 HJGY? 88.7? Magangue, Colombia?, tent.  
all SS. Roughly translated: female vocal  
with mx sounding South American, not Mex.  
then ment. of houses being built in "La  
Laneta?? Victoria" (could be "Alameta Vic-  
toria", a city? or subdivision name?) then  
ad for store where you get all your supplies,  
then ad for disco named "Minerva of Cartagena"  
which is a north coastal city in Colombia!  
No 88.7 listed in ONDAS for Cartagena, so  
very being attempted for above station,  
which is. approx. 2400 mi.  
Es  
1930 RBPM 91.1 Nierrega, (sp?) Belize, r\$, EE  
ID: "This is Radio Belize FM-91 xmitting on  
freq. of 90.9 from Ladyville, 91.1 from Nie-  
rega(sp), 94.7 from Independence and 88.3  
from Punta Gorda. Here's Chicago and  
'Alive Again'. You are listening to the  
program 'Music Break' here on RBPM-91".  
Belize is located on the lower Yucatan next  
to Mexico and Guatemala. approx. 1400 mi.  
2Es? weak  
1930 unID 88.5 or 7 SS "...5.7 trans-  
mitting the most beautifully selected mx."  
(Drats, must have missed most of the ID.)

Es  
1954 WKPX 88.5 FL Sunrise, ID, r  
1959 WRMB 89.3 FL Boynton Beach, ID  
2025 WCVU 94.5 FL Naples-Ft. Myers, ID  
2031 WMCU 89.7 FL Miami  
2044 WINZ 94.9 FL Miami, I-95 1230  
2100 WARG 90.3 FL Ft. Lauderdale, ID 1220  
7/12 Es(intense)  
1000 WFIO 89.1 FL Titusville, ID  
1000 WUCF 89.9 FL Orlando, ID  
1006 WBJW 105.1 FL Orlando, BJ-105, r 1070  
1012 WFAM 91.1 FL Jacksonville, ID  
1015 WCIE 91.1 FL Lakeland, ID, g  
1020 WLOQ 103.1 FL Winter Park  
1030 WLRN 91.3 FL Miami, ID 1230  
tr  
1031 KKBX 106.3 OK Broken Bow, \$K, wx 200  
1035 KITY 95.3 OK Hugo, \$k 175  
Es cont.  
1048 WYSI 96.7 FL Jupiter, ID

7/25 Es  
0901 KHBS 89.7 DF Mexico City, c 960  
0904 XHNP 89.3 PUE Puebla, tent, SS, L  
0905 XHRJ 92.5 Toluca MEX, "el eya ya" = el  
yella phonetic 960  
0909 XHSH 95.3 DF Mexico City, "Radio Amistad"  
0942 XHVV 97.3 TAB Villahermosa, ID, SS, L  
#971 1210

7/12 Es  
1050 WNGS 92.1 FL W. Palm Beach, ads,  
"Wings 92-FM"  
1100 WWOJ 106.3 FL Avon Park, "OW Radio"  
1101 WHRS 90.7 FL W. Palm Beach, ID  
1102 WCKD 98.3 FL Arkadia, ads  
1119 WCKO 102.7 FL Pompano Beach, verified  
1128 WGYL 93.5 FL Vero Beach, nx  
1131 WCKS 101.1 FL Cocoa Beach, CK 101  
1138 WGLA 92.7 FL Punta Gorda, ID 1090  
1150 WAMR 92.1 FL Venice, ID, AP nx  
WQCS 88.3 FL Ft. Pierce 1160  
1202 WNYJ 94.3 FL Riviera Beach, ID  
1210 WHEW 101.9 FL Ft. Myers, ID 1130  
1214 WRGI 93.5 FL Naples, promo, G-93  
1229 WRMF 97.9 FL Palm Beach  
1235 WPCV 97.5 FL Winter Haven,, 97 PCV  
1252 WFIT 89.5 FL Melbourne, ID, r  
(My tunable FM trap made WFIT possible)  
1259 WQCV 95.3 FL Homosassa Springs, ID, \$  
1321 WCVV 95.5 FL Ft. Pierce, ID  
1334 WMNF 88.5 FL Tampa, ID, \$ 1040  
1338 WIRK 107.9 FL W. Palm Beach, ad 1200  
1340 WQYK 99.5 FL St. Petersburg, ad, wx, k-99  
1839 WLFJ 89.3 SC Greenville, ID 840

7/14 Es  
1840 WAUP 88.1 OH Akron, ID 915  
1841 WAER 88.3 NY Syracuse 1200  
1900 WEMU 89.1 MI Ypsilanti, ID  
1903 WSDP 88.1 MI Plymouth, ID, 200 w.  
1907 WLEW 92.1 MI Bad Axe, nx, ID 920  
1908 WKQS 99.9 FL Bocan Raton, wx, kiss 1230  
1918 WIOG 106.3 MI Saginaw 860  
1927 CKUE 101.1 ON Smith Falls 1255  
7/18 Es  
1547 KQUY 95.5 MT Butte, ads, Y-95 1060  
1550 KALS 97.1 MT Kalispell, b, ads  
1553 KQRR 92.3 MT Roman, ad "KQ-92"  
1557 KUFM 89.1 MT Missoula 1150  
1603 KHQ 98.1 WA Spokane, ID 1310  
1607 KCDQ 96.7 MT Belgrade, ID  
1609 KLYQ 95.9 MT Hamilton, ID  
1610 KYSS 94.9 MT Missoula, ad, k 1150  
1613 KDRK 93.7 WA Spokane, ID  
1616 KXLY 94.9 WA Spokane, ad, ID  
cont...

7/18 Es  
1628 KMBI 107.9 WA Spokane, "MBI Radio",  
prg. sked., X SCA 1310  
1639 KREM 92.9 WA Spokane, KREM concert  
sked.  
1643 KDRK 93.7 WA Spokane, ID, k  
1701 KBSU 91.3 ID Boise, ID 1130  
1711 KIZN 93.1 ID New Plymouth, ID, k  
1715 KFXD 94.9 ID Nampa, ad 1155  
7/23 Es  
1130 WMR 88.3 OH Marietta  
1236 WXLK 92.3 VA Roanoke 970  
7/27 tr  
0900 KRUS 88.7 LA Lafayette, ID, NPR 505  
Es  
0951 WDM 97.7 MD Lexington Park  
0959 WQMC 95.3 VA Charlottesville, ID 1040  
1048 WAF 97.7 DE Milford, ads 1215  
1052 WASH 97.1 DC Washington, Wash-FM 1105  
1055 WINC 92.5 VA Winchester, ID 1065  
1055 WIKZ 95.1 PA Chambersburg, ad 1090  
1100 WBSU 88.1 CT Middletown, s/on 1385  
1108 WDAC 94.5 PA Lancaster 1160  
1110 WGBM 92.7 NJ Toms River, ID  
7/29 Es  
1304 WYFC 91.1 SC Gaffney, ID, g  
1309 WDAV 89.9 NC Davidson

7/29 Es  
1310 WBR 96.9 NC Goldsboro, ad 1065  
1312 WSFL 106.5 NC New Bern, ID, ad  
1315 WAZZ 101.9 NC New Bern, ad, ID 1130  
1316 WRNS 95.1 NC Kinston, ID, k, "the k giant"  
7/30 Es  
1655 WJAD 97.3 GA Bainbridge, ID, r 985  
1700 WTLG 88.3 FL Starke, ID 970  
1735 WATA 97.3 FL Miami, ad 1230  
7/31 Es  
1726 WSNY 94.7 OH Columbus, "Sunny 95", k  
1729 WPTV 95.7 OH Piqua, ID  
1731 WQRP 88.1 OH West Carrollton, ID, mono  
2 Es!  
1903 WCRP 88.1 PR Guayama, apparent ID--  
"??? Puerto Rico" live religious broadcast  
ment., with 3 phone nos. given that traced  
to Puerto Rico. Castro ment., all SS, 2300  
in mono, weak, out by 1950  
Es  
1953 WKPK 88.5 FL Sunrise, ID  
1954 WHRS 90.7 FL W. Palm Beach, ID 1200  
8/7 Es  
1058 WMLV 94.5 FL Daytona Beach, ID, b  
1102 WJGA 92.1 GA Jackson, "radio" 775-3151  
1106 WNNX 95.9 FL Tallahassee  
1109 WAXJ 98.3 FL Titusville  
1116 WCKS 101.1 FL Cocoa Beach, "CK-101"

The double hops were quite a novelty. Totally regret not being present sooner on  
7/11 when Jim Pizzi (whose interpreter's help I'm grateful for) was hearing some interesting  
stuff. If anyone can help me with my Colombian unID, it would be appreciated. 73.

Report your FM DX to this column if you're from: AL, AR, AZ, CA, CO, DE, DE, FL, GA, KS,  
KY, LA, MD, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & @V.

(continued from page 25)

## Western TV DX

September 1983

## Fred McCormack (continued)

5 tr 0151 K55BH 55 MN 160  
(Baudette KTHI-11)  
0650 KYNE 26 NE 390  
0653 K66BI 66 MN 140  
(Aitkin WDIO-10)  
The following were seen at  
my office in Halstad, MN:  
August 1983  
4 Es 1032 WMAZ 2 MD 1132  
5 Es 1802 KBTX 3 TX 1145  
1807 KPRC 2 TX 1220

This reporting period  
was relatively uneventful.  
A couple of fine Es open-  
ings did develop, with the  
evening of July 24 being  
the best.

The high heat and re-  
sulting temperature inver-  
sion produced loggings from  
a number of needed xtrs on  
August 5.

I hope something more  
dramatic is forthcoming!

WXON-TV20  
DETROIT30100 Telegraph Road  
Birmingham, Michigan 48060wdho  
tv 24300 SO. BYRNE RD.  
TOLEDO, OHIO 43615WBMG-TV42  
BIRMINGHAMP. O. BOX 6146  
BIRMINGHAM, ALABAMA 35209

## NORTHERN FM-DX

Saul Chernos  
79 Ridge Drive  
TORONTO ONTARIO  
M4T 1R6

September 1983 I mail to HQ every 5th of month

By the time you read this, I will have met many of you for the first time. If not, then for  
some reason I could not make Dundirk at the last minute. I'm sorry if this column is hard  
to read; I need a new ribbon, but cannot find one to fit this ancient Underwood Typewriter  
manual. The Journalism dept at Carleton U in Ottawa uses same typers, so this will not be  
too serious a problem.

I'm not exactly impressed with the Es this year. And reports seem to indicate the same.  
Then again, Bruce Elving has had so many Es that it's all beginning to BORE him. The bottom  
line, I guess, is that the openings are extremely SHORT LIVED...many have told me so, both  
in reports and on the phone.

Tropo, on the other hand, seems to be coming in well; even a few nice long-haul ducting ses-  
sions. Reminds me very much of 1980, although I'm still waiting for an opening (Es) simi-  
lar to July 17 of that year...remember that 13 plus hour non-stop 107.9 plus MUF bonanza?

Could I ask you all one favor...I've found a few reports a bit hard to read; if you could  
make sure call letters, etc... are clearly written out, I'd greatly appreciate it, and it  
would reduce chance of error. Now, the moment you've been waiting for...

James J. Stiles - CFAO/NAFK - Box SU/LR ADP - PPO Seattle WA 98770 - (Oldawa Japan) JST

Equipment: Realistic STA-720 receiver, dipole antenna.

There are only 2 local stations here, so it is relatively easy to ID new stations when the  
band is open.

The stations listed as Peking China are on the Central People's Broadcasting Station Program  
One network, and they may not all be located in Peking. The Korean stations, other than  
AFKN and HUKV, are on Korean Broadcasting System's First Program network, Music Program  
network, or Education Program network, as indicated by a I, II, or III, respectively, follo-  
wing the frequency.

All loggings are E-SKIP. (James, could you tell us about your Tropo...can you get past  
250 miles and WHERE does it come from. I'm curious, & I'll bet others are. -ed.)

JUNE 5 1030-1100

Cheongju KOREA 89.9 I  
Chuncheon " 90.3 I  
Gwangju " 90.5 I  
Busan " 90.7 I  
Gwangju " 92.3 II

1100-1130

Peking CHINA 94.2  
Peking " 94.8  
Peking " 99.8

1130-1230

HLKV Seoul KOREA 91.9  
Daejeon " 98.5 II  
AFKN Taegu " 99.3  
Chuncheon " 99.5 I

Gangneung " 104.9 III

Chuncheon " 106.5 III

Hwangji " 107.1 III

Shandong CHINA

June 5 cont. 1230-1330

Gyeongju KOREA 90.9 I

Ilweol " 92.1 I

Seoul " 93.1 II

Peking CHINA 95.6

Yosu KOREA 95.7 I

Peking CHINA 96.4

Liaoning " 103.4

1330-1430

Okayama JAPAN JOKK 88.7

Peking CHINA 94.4

1800-1900

Peking CHINA 94.0

Peking " 95.6

JUNE 14 1800-1900

Bei Menggu CHINA 102.0

JUNE 15 1200-1300

Shandong CHINA

JUNE 19 1100-1200

Peking CHINA 102.2

-James J. Stiles.

## COMMON ABBREVIATIONS IN NORTHERN FM:

* on tape	I also use Bruce
t tentative	Elving's FM ATLAS
\$ stereo	abbreviations.
stn station	
QTH location	BB Baseball
nx news	FB Football
wx weather	ex- formerly
ex sports	freq frequency
o oldies(format)	mx music
NEW NEW MODE	

\*\*\*\*\*

Alan L. Michalek - 227 Redlands Street - Springfield MA 01104

Equipment: Panasonic RF-2900.

MAY 27 Es

1015 KNOE 92.1 MO Butler

1025 KWTO 98.7 MO Springfield

1038 unID 96.7 "Country 96 nx"

&amp; ad: SSS Stores

1048 WBBA 97.7 IL Pittsfield

1049 KBRA 97.9 KS Wichita "KB-98"

1052 WTBW 97.3 KS Topeka "97-FM"

1056 KFKF 94.1 KS Kansas City

1059 KMER 99.7 MO Kansas City

1103 KNUZ 101.1 MO Carrollton

1110 KREN 96.7 MO Memphis

1115 KRCO 98.7 IA Centerville k

1122 WCLP 96.9 IL Moline

1135 KKRQ 100.7 IA Iowa City r

1138 KKRQ 102.5 IA Des Moines r "Q-102"

1142 KJAN 103.7 IA Atlantic "Radio Atlantic"

1149 KOXI 101.1 NE Columbus b

1155 KKEZ 94.5 IA Fort Dodge

JUNE 4 Es

1041 WKBJ 92.3 TN Milan

1044 WKBL 93.5 TN Covington k

1057 WHIC 94.3 KY Hardingsburg KY net

1101 WFPK 91.9 KY Louisville e

1109 WRUL 97.3 IL Carmi k

1113 WSLM 98.9 IN Salem

1123 KTWJ 98.5 MO Farmington

1133 WELC 92.1 IL Charleston

1149 WTPS 94.3 IL Beardstown

poor and not seen on very many days. '73's, Al.

As of JUNE 26 no  
other DX has been  
noted here. A very  
slow month of June.  
Even TV-Es has been

PRED McCORMACK - 135 Prairiewood Drive - FARGO ND 58103/also DES LACS ND 58733 CST-CD"

Fargo: Heathkit AJ-1600, Winegard CH-7078. Des Lacs: Heathkit AR-15, Winegard CH-6065.

## DX at Fargo:

## MARCH:

12 Tr  
0851 KBHW 99.5 MN International Falls g 195  
0855 KCRB 88.5 MN Bemidji c 100  
0915 KVSC 88.1 MN St. Cloud r 155

13 Tr  
1222 KNHM 105.5 MN Montevideo 145

## APRIL:

10 Tr  
1002 KZZA 107.1 MN Glenwood 110

## MAY:

21 Tr  
2059 WHOM 94.9 NH Mt Washington 1240  
2115 CTFP 107.5 PQ Quebec FF el 1200

2118 CTFP 93.3 PQ Quebec FF r 1200

## JUNE:

5 Es  
0946 WDAV 89.9 NC Davidson c 1140  
1042 WYNA 100.3 AL Tusculumbia 960  
25 Es  
2023 WAIL 105.3 LA Slidell 1205

At Des Lacs: All APRIL:

23 Au  
2049 KKNP 103.5 NE North Platte k "KK-104" 1840 KKSJ 101.5 SD Gregory k 360  
24 Au  
0840 KIDK 98.5 MT Billings 495 1853 KSTZ 107.7 NE Grand Island r 530  
0852 KXKE 101.3 MT Forsyth 370 1900 KROA 95.7 NE Grand Island UPI 530  
275 1910 KRGJ 96.5 NE Grand Island "Country-96" 530

HARRY J. HAYES - 9 Henry Street - WILKES BARRE PA 18702

dated June 21, 1983.

I certainly hate to say this, but Summer '83 is turning out to be the absolute worst DX season for me on record. (ed: Get it out of your system, folks, cuz I want every one to be all cheers for Dunkirk). I'm sure it is turning out to be the same for others in this part of the country. The month of June is almost past and there has been very little Es. I use a Zenith Trans-Oceanic radio with a Radio Shack indoor antenna at 9 Henry St. When I visit my parents at Thornhurst PA I use a GE Superadio hooked up to an FM-4G antenna and CM VHF amp.

Wilkes Barre: May 26 Es 1828 WFUZ 93.7 Ocala FL now k from b & really fine signal w/IDs. 1840 WATV 96.9 Jacksonville FL w/ an ad for WTLV channel 12 (TV) and ID. 1852 WKSU 94.9 Mobile AL which shows up at least once a summer. June 8 Es 2054 KKAJ 95.7 Ardmore OK, in and out, weakly, w/IDs during an opening that couldn't seem to get going, and there have certainly been a lot of these this season.

Thornhurst (10 miles East of W.B.). June 3 Es to OK - 1842 KEBC 94.7 OKC, 1846 KWEN 95.5 Tulsa, 1900 WUWF 88.1 Pensacola FL, 1915 KRAV 96.5 Tulsa w/ many IDs coming through semi-local WPEL for a new one. 1920 KATT 100.5 OKC "Rock-100-The Cat". 1923 KGYE 99.3 Grove OK w/AM calls given for another new one. June 5 Es: KROK 94.5 Lafayette LA. June 8 has just about been the end of any DX for the month as of June 21. UNBELIEVABLE! Also, I haven't experienced any productive tropics for this year. The only place DX is happening this summer is on the MW (AM) band. Try it! 73.

BRUCE F. ELVING - 4515 Avenue "E" - KEARNEY NE 68647

Following a 3 month period with no Es (March-June), late June has been a period of so much skip it became boring! (Ed: Just goes to show you can't please anybody, hi!). NEW catches are listed only: June 15 Es WRBH 88.3 educ. "stereo" reading to the blind (Ed: W. Reading to the B. blind and E. and E. (ed: I'm not sure if this is a joke or not). In New Orleans LA; WKWV 92.3 LaPlace LA; 88.7 KRVS educ in Lafayette LA w/ E & FF IDs. All between 1458-1600 CDT. SUPERTROPO JUNE 19 and 21: KRDO-FM 95.1 b Colorado Springs; KAZY 106.7 Denver CO; KILQ 93.9 CO Springs; a new Panasonic talking clock radio (IT TALKS??!!-ed) getting perfectly clear KCFR 90.1 educ. Denver on it's line-cord antenna (525 Kilometers). My first Casper WY reception June 21 gave me both KTRS 95.5 and KAWY 94.5, as well as KQMI 103.9 Territtown NE w/ \$ g and a mx SCA; KMOR in adjoining Scottsbluff NE 92.9; KKAZ 100.7 Cheyenne WY; KEUL 107.1 \$ k "K-Bull" (cable)non-ID; KLOV 102.3 Loveland CO; KERU 101.7 Fort Morgan CO. SKIP rump of the time (all day or most of the evening) June 22 23 25 26 27 and 28: WYNN 94.9 Tampa FL; WGVU "Seaview" 94.5 Naples; WTLG 88.5 educ Starke; WSGF 95.5 Savannah GA; WLFU 98.3 educ Greenville SC; KALW 91.7 educ San Francisco CA. KNYT 97.5 Merced (pronounced mer-CED with stress on 2nd syllable, unlike the way I thought you'd say it) CA; KUSB

96.3 Mariposa CA; KZAP 98.5 Sacramento; KKTQ 101.7 Livermore CA; KEAR106.9 San Francisco w/ a family radio donation pitch; KGB-FM 101.5 San Diego; KBAY 100.3 San Jose w/b, not m music; KPOG 104.5 San Francisco; KXFR 88.9 educ Sacramento not yet having changed freqs. Then during an outage of nearby KRVN-FM 93.1 Lexington NE, I heard KRCS 93.1 Sturgis SD (Tr) w/ K & UPI audio news. Also received via Tropo the new KGFX 92.7 Pierre SD w/r \$ & KBBB 92.7 Ainsworth NE, predominantly mk and \$. Ainsworth s-offed at midnight, permitting Pierre to peer through.

E-SKIP JUNE 25 WUPT 89.1 educ Gainesville FL; KOIR 88.5 educ Edinburg TX w/ all SS. We had some guests who are from a Spanish-Mexican culture, and they translated, enjoying KOIR's all-g programming. Then WONE 98.5 Panama City FL; WCLK 91.9 educ Atlanta GA; WSVH 91.1 educ Savannah GA (with telemetry SCA); WRTZ Jacksonville FL 96.1; WJIZ 96.3 Albany GA back in \$ after several years without it; WFTD 89.1 educ Titusville FL. On June 26 Es KSEB 88.1 Humble TX educ; KLCC educ 89.7 Eugene OR (all now OR): KMTT 93.7 Medford w/ r on main channel & SCA mx; KIJK Prineville b on 95.3; KXWQ 96.1 Ontario; KWB 100.1 Payette ID; KKL 95.5 Portland OR. On June 27 Es KCHO 91.1 educ Chico CA; KEBR 100.5 Sacramento, logged while talking long-distance to a blind DXer from Sacramento, who hrd the ID of his local station over the phone. Then KDPC 102.1 San Francisco at 2301. E-SKIP JUNE 28: WUWF 88.1 educ Pensacola FL; KQXY 94.1 Beaumont TX; WLE 94.3 Abbeville AL. KDEA 99.1 New Iberia LA w/ non-Muzak background mx service on SCA; WQXY 100.7 Baton Rouge LA; WMB 102.5 Jasper AL; WAMI 102.3 Opp AL & at 1215 WUWF 103.1 Columbus for my 1st MS (the state, not the mode). At first, I thought the latter was a new call assignment for WOC Columbus GA. Both are g and only "Columbus" was mentioned w/out state, & my receiver isn't well calibrated near 103.

Tropo JULY 2: KBIN 94.9 Roswell NM b mx SCA; KLL 96.3 Lubbock TX k mx SCA & non-ID "stereo FM 96" and "Triple L FM" but w/ full legal ID at 0900. 73's, Bruce.

ARNOLD LAZARUS - 333 Candee Avenue - SAYVILLE NY 11786

Akai AT2650, Probe 9 & rotor 40' EDT

## MAY 6 MS

0448 WINZ 94.9 FL Miami Beach "I-95" local ad  
JUNE  
4 Es

1123 WBCL 90.3 IN Fort Wayne ID g ID  
1200 WHII 91.3 WI Highland WI public radio

## 5 Es

1942 KASU 91.9 AR Jonesboro ID by YL  
1944 KETR 88.9 TX Commerce "KETR weatherwatch

## 7 Es

1815 R. Clarin 105.5 DOMINICAN REPUBLIC w/SS, local rx, distinctive 4 chime jingle, & solid ID on tape. In & out till 2010.

1840 unID 88.1 SS g w/ YL (female ancr)  
1858 WIFR 91.3 PR San Juan SS rx, some EE

QTH ID, over WLRN.  
1914 WMZU 89.7 FL Miami g ID

1915 WAPG 90.3 FL Ft Lauderdale g ID  
1935 WKFX 88.5 FL Sunrise r ID

2055(WRTU) 89.7 PR San Juan SS "ochente nueve punto siete megahertz en San Juan capital de Puerto Rico"

RICHARD REESE - 421 Marion Street - JERSEY SHORE PA 17740

EDT

## JUNE

3 Es  
1904 KZLE 93.1 AR Batesville ad

1910 KISR 93.7 AR Ft Smith ad  
1915 KMCK 105.7 AR Siloam Springs wx

1917 KAMD 94.3 AR Rogers "K-Mo Country"  
1917 KWEN 95.5 OK Tulsa "K95"

1919 KATT 100.5 OK Oklahoma City ad  
1925 KECB 94.7 OK Oklahoma City ad

## 8 Es

1735 KETR 88.9 TX Commerce ID  
1744 KGBI 89.3 TX Dallas ID

1759 KSCU 88.3 TX Meene ID  
1815 KUTT 91.7 TX Dallas

1821 KNTU 88.1 TX Denton ID  
1821 KJWS 94.9 TX Arlington ID

2032 KVL 103.7 TX Dallas  
2032 KESS 94.1 TX Ft Worth ex93.9

A small report this time due to a poor Es season. No really big Es opening to speak of. Well maybe next month. I hope everyone else is having a better year. 73's.

## (JUNE) 8 Es

1740 KROK 94.5 LA Shreveport r QTH ID  
1756 KCBT 89.3 TX Dallas "sunshine-89"

1759 KVTI 91.7 TX Dallas QTH ID  
1800 KWS 94.9 TX Arlington g ID

2021 KTEW 93.3 OK Ada ID local ads  
2025 KASX 96.7 OK Ada ID

## 9 Tr

1855 WYK 93.7 NC Elizabeth City "K94" r  
1900 WQZQ 92.1 NC Moyoek "Q92country" IDQTH

## 10 Es

1746 WWL 93.9 FL Miami Beh "Love-94-FM"  
10 Tr

2147 WEDM 107.5 VA Exmore ID over WBLS  
2201 WAZZ 101.9 NC New Bern k QTH ID

2214 WSPF 106.5 NC New Bern r ID  
2235 WHYC 88.5 NC Swan Quarter s QTH ID

2258 WOB 95.3 Wanehese local wx ID (NC)  
2331 WNCY 107.9 NC Greenville el ID

## 18 Tr

0706 WLTY 95.7 VA Norfolk r ID

18 Es 1035 WMCU 89.7 FL Miami lcl prgm

## 22 Es

0926 WUHF 88.7 TX Houston ID  
0929 KRVS 88.7 LA Lafayette ID ex-88.1

28 Tr 1232 WJYV 94.5 Fredericksburg NEW  
29 Es

2105 WJWS 94.9 TX Arlington ID  
2108 KVL 103.7 TX Dallas ad

2115 KPLX 99.5 TX Ft Warren ID  
2116 WMGC 102.9 TX Dallas ID

2119 KTXQ 102.1 TX Ft Worth "Q-102"  
2120 KJMK 95.3 AR Murfreesboro ID

2122 KMLA 103.9 AR Ashdown ad  
2123 KWAS 105.5 AR Nashville ID

2128 KERA 90.1 TX Dallas promo "90FM"  
2130 KZRO 104.3 AR Marshall ID



**NEW DEADLINE.....** I've just been informed that my last column was late, and wasn't published as a result. I guess 10 days isn't enuf. So effective immediately, I'm mailing no later than the end of the month, and maybe earlier. I see no need for a deadline for reporters, as getting 37 reports on day before deadline could make things a bit hectic. Instead, mail me your stuff when you feel like it. If you want to be a "regular", every 2 or 3 months would be about right. If your report is especially large - say about one VUD page worth, I'd be thrilled if you could type it as you would like it presented. That's not necessary, of course, but if you wish. Only do it if your print is reasonably similar to mine. I hope that goes with HQ. The type you see on P.4 was an experiment; a sort of proof of performance test. While I'm at it, your reports take 14 days on the average, and some up to 24. One DXer thought .80¢ (airmail) would speed it up. I got 4 reports that day and his took the longest. I've just sent away for some homing pigeons, so if a pigeon arrives at your doorstep, quickly type/write your report for him and give him a cold beer. So I regret any inconvenience, and hope two Northerns this month doesn't bore you to tears.

**CLINT McLAULIFFE - 14620 NE 35th St. #105 - BELLEVUE WA 98007**

**JUNE 1983**

Hi! I'm getting re-acquainted with DX this year in a new location. I lived back in Greeley CO when I was active with FM DX in 1976-77. I rejoined WTPDA earlier this year and have had only one day of Es for all of June. Not much Tr either. In fact, I have only picked up a few stations from Eastern WA and Vancouver BC via Tr from here. I dare say that CO was a much better place for Es. I logged stations from coast-to-coast. Plus, the FM dial was less crowded and I was not as close to the station transmitters as I am here in Bellevue. I tried out my old 14 element Yagi up here. What a waste! Images all over the dial. So I built a small quarter wave QuadLoop on the Southern wall in my living room. It worked fine. However, after reading Harry Hayes' report of luck with a Radio Shack indoor FM antenna, I went out and bought one. I do like it better than the Quad Loop, simply because I can aim it. I think it is better or just as good as the Quad loop. On to the report. Equipment: Pioneer SX-636 receiver with SCA & quarter-wave Quad-loop near ground level. All DX is Es on June 7 - 83:

1852 KANW 89.1 NM Albuquerque r ID \$	1210	2137 KCAQ 104.7 CA Oxnard-Venture r "Q-105"	\$ 995
1859 KOVO 94.5 NM Gallup k ancer "Smokey Morgan" \$	1120	2140 TENTATIVE? KHFG 107.3 Tijuana. t1130	
1905 KUNW 90.1 NM Albuquerque k S	1210	2155 KPRI 106.5 CA San Diego \$ r ID	1115
SCA bird chirp (huh?-ed)		2220 KMEY 107.1 CA Seaside r \$ QTH	805
1906 KRST 92.3 NM Albuquerque k	1210	2225 KWE 107.9 CA San Clemente "FM108"1065	
1906 KFLQ 91.5 NM Albuquerque \$	1210	new-wave (p)rock.	
1915 Es fades off FM so try TV & get AZ, NM		2230 KXXX 107.9 CA Bakersfield r ID \$	920
2052 KNNE 88.1 AZ Whiteriver r \$ INDIAN lang.		2245 Es seems to disappear.	
1190 mi. (this may be your 1853 88.1 r unID)			
2111 KHIS 90.3 BJ Tijuana MEX SS r \$ ID SCAMx			
2121 SS r ; 2122 92.1 SS mx \$, unIDs	1130		
2130 KOOL 94.5 AZ Phoenix r \$ SCA Physicians Radio Netwk "Cool-FM"	1155		
2132 XETRA 91.1 BJ Tijuana ES r \$ ID	1130		
2135 KNAX 97.9 CA Fresno k QTH \$	805		

#### Other UnIDs:

1910-12 90.3 g \$; 90.1 e \$; 88.1 \$ e;  
89.1 e \$

I hope July turns out to be better.  
Good DX, Clint.

#### SEPT. 1982

6 Au		1 MS	
1723 WKYS 93.9 DC Washington ID	300	0735 KBBQ 88.1 IA Waterloo ID promo format	
1727 WWR 89.1 VA Roanoke ID wx (now WUTF-ed)		15 GW-Tr	
1750 WKVS 105.9 VA Woodbridge k ID / above 460		2240 CBEP 103.9 ON Peterborough CBC \$ e (IDs	
2106 WBLZ 105.5 OH Hamilton-Cincin. ID(time?)		dually w/ Toronto 94.1)	
1835 WKHS 103.5 DC Washington c ID 300	520		
JAN. 1983		24 Au	
9 Au		1729 WRJA 88.1 SC Sumter NPR ID	640
2302 WKHQ 105.9 MI Charlevoix r ID	475	(your ed. suspects the Es below was	
2307 CBOF7 102.1 OH Brockville FF c	100	caused by above Au)	
MAR.		24 Es 2030-2243 MUF 99 MHz no IDs made.	
12 Au		26 Es	
1731 WDBN 94.9 OH Medina ID	330	1800-2045 MUF 101, PTA LA FL TX	
MAY		1813 WQIZ 100.3 FL Orlando "Rock 100" 1160	
1 GW-Tr		OOPS! Your editor has goofed. The above	
1800 WUUU 102.5 NY Rome r k "U-102"		DX belongs to:	
2010 WBSU 88.3 NY St Bonaventure ID	25	FRED NORDQUIST - 7945 BOXFORD RD - CLAY NY	
2044 WBS 93.5 NY Rome ID "Star-94"	25	13041.	
(how come you've never had the 2 Rome's		I think I'm getting the hang of editing.	
before; are they new; I just got 102.5 for		I've never done this before, so I humbly	
1st time recently too-ed)		beg your forgiveness. I like the job; you	
		notice more in loggings when you TYPE it...	

#### MAY 26 Es cont.

1823 WMFE 90.7 FL Orlando NPR ID 1160  
1900 KRVS 88.7 IA Lafayette ID 1250  
2042 KESS 94.1 TX Ft Worth SS ad "R. Kiss" 1345

#### EQUIPMENT:

Heathkit AJ-15 receiver & Channel Master  
Stereo Probe 9 antenna w/ rotor at 35'AGL.

#### JUNE 8 Es

1802 KSEW 88.1 TX Humble "88FM"ID 1385  
1804 KSAU 90.1 TX Nacogdoches NPR 1285  
1805 KTKC 92.7 IA Springhill 1175  
1811 KLB 93.7 TX Austin TC ID r 1480  
1811 KIKS 93.3 TX Killeen "Kix" r 1445  
1820 FADE-OUT.  
13 Au 0004 WSMC 90.5 TN Collegeville s-off 745

**DANIEL E. GETTING - 2882 Old Cedar Grove Rd - BROOMALL PA 19008**

#### MAY 1983

1 Tr  
0157 WONT 107.9 OH Cleveland sr  
4 Tr  
0115 CINGt107.9 ON Burlington "FM108"  
mentioned Toronto happenings.  
(yes, them for SURE, but what happens in  
T.O. worth mentioning?) (ed)  
5 MS  
1315 KYSmt103.5 MN Mankato heard "showers  
in SD"

6 Tr  
2310 WHOV 88.3 VA Hampton s  
2313 WFL 106.5 NC New Bern rs  
7 Tr  
0730 WMMK 107.7 VA Warrenton r  
0731 WPVA 95.3 VA Petersburg k  
0741 94.5 WVVQ VA Richmond r  
0748 WXYL 92.1 Chester VA g  
0800 WJVS 92.7 MD Prince Frederick k ad  
0810 WFLS 93.3 VA Fredericksburg k ad  
0815 WRL 102.1 VA Richmond

8 Tr  
0155 WFL 106.5 NC New Bern rs  
0159 WKKS 107.9 MA Medford sr  
0206 WKSS 95.7 CT Meriden b

16 Tr  
0123 WAQX 95.3 NY Manlius rp wx "95X"

18 Tr  
2321 WBUP 92.9 NY Buffalo r

19 Tr  
0800 WMR 88.1 CT Monroe e strong  
0809 WING 92.1 NY Sag Harbor rm

24 Es  
1811 WMCut 89.7 FL Miami g Miami church

1825-2001 Es off FM

2026 KGRC 92.9 MO Hannibal r ID  
2043 KIMI 95.3 IA Keokuk bb ad

2107-2204 Es off FM 89.7 j 2204 & off  
FM again 2205-2247.

2258 WINZ 94.9 FL Miami Beh rs  
2300 WMCU 89.7 FL Miami g

2304 WCMQ 92.1 FL Hialeah SS  
2318 Es off FM.

#### 25 Tr

2015 WOB 95.3 NC Wanchese b  
2200 WBS 91.1 VA Norfolk j ID  
2200 v.g.-exc. Tr from Tidewater. Norfolk in  
\$ on locally used freqs.

26 Tr  
0040 WKKS 107.9 MA Medford sr strong

0100 WYK 93.7 NC Elizabeth City pr  
0200 WUR 90.9 MA Boston j

0202 WCTY 97.7 CT Norwich k ID  
0205 WAAF 107.3 MA Worcester rp

#### 27 Es

1001 KJMR 89.7 IA Council Bluffs c ID  
1002 KDFS 88.1 IA Ft Dodge r ID  
1008 KIMI 95.3 Keokuk IA  
1010 KGRC 92.9 MO Hannibal r

1020 WAAG 94.9 IL Galesburg k ad  
1039 KCTI 95.3 IA Washington r ID  
1042 KEM 97.1 NE North Platte r ID  
1047 KNEV 94.7 NE Norfolk ID  
1050 KNTY 97.7 IA Clinton m ID  
1100 KIPG 95.3 IA Iowa Falls ID  
1100 KOUR 95.3 IA Independence ID nx  
1101 KUSD 89.7 SD Vermillion ID  
1106 KLR 97.7 MN Redwood Falls ad nx  
1190 WKX 95.9 MN Forest Lake ID (I left)

#### 31 Tr

0130 WKKS 107.9 MA Medford sr  
0146 WEUR 90.9 MA Boston j  
0202 WJJB 97.7 NY Hyde Park rp "98-Fame"ad  
0305 WXYL 92.1 VA Chester g  
0316 WYQ 95.9 CT Norwalk r ad "Q96"  
3 Es Occasional Es surges up FM from 1847  
to 1930.

#### 4 Tr

1930 WPMV 106.3 NJ Blairstown r ad "FM-106"  
5 Es Occasional, surges to FM 1910-24 w/95.3  
k and 97.1 rp.

#### 7 Es

1531 WCRPT 88.1 PR Guayama SS g/1549 off FM  
10 Tr

0720 WPVA 95.3 VA Petersburg k  
0721 WNTT 100.9 VA Warsaw k

0724 WRAL 101.5 NC Raleigh rm  
0726 WRPK 106.5 VA Richmond c

0729 WNCN 107.9 NC Greenville b  
0735 WCFE 89.7 NC Raleigh e ID

0737 WKNC 88.1 NC Raleigh r  
2215 WOB 95.3 NC Wanchese b

12 Au A index 65, Au in lower FM, 2310 peak.

#### 21 Tr

2234 WSVQ 97.7 PA Jersey Shore rp  
23 Tr

0130 WKSU 89.7 OH Kent ID prev. by Au.  
0145 WKRB 90.9 NY Brooklyn rp ID, only 8 w??

0203 W220AA 91.9 NJ Farlin WVRM ID  
0215 WFL 106.5 NC New Bern in well

0246 WBAB 102.3 NY Babylon rp  
0300 WMB 107.1 NY Hampton Bays ID r

0302 WQDW 97.7 NC Kinston s ID  
0900 WOB 95.3 NC Wanchese b

2359 WYSU 88.5 OH Youngstown c ID  
25 MS

2243 KSEJ 88.1 TX Humble ID (ed.Methinks  
this to be what is increasingly known as

SPORADIC ES. There was at time & many  
had this area. My theory on the lack of Es

is that the government has built a big  
dome to keep out unwanted signals. Enuf of

your ed's silliness & onto the report...

#### 27 Es

1730 KDSU 91.9 ND Fargo ID  
1752 Es off FM. Again briefly 2216-18.

#### 27 Tr

2242 WEXX 107.1 PA Scranton PSA rp

Called up station and asked if they had the BB game and person answering said no, then asked if the name meant anything and he said, "That's me!" Mr. Ramsey says KLCY's translators are heard in five states. KQUY 95.5 Butte, MT 2337 r, "Y-95" Butte Plaza Mall ad. 7/22 MS WPLJ 95.5 New York City 2322 (865) caught calls.

7/23 tr KLVN 95.9 Newton, IA 0000 s/off (150), KEEZ 99.1 Mankato-Blue Earth, MN, r, "FM-99" (305), KQVB 98.3 Spring Grove, MN 1026 w/k & r mx (220), WPRE 94.3 Prairie du Chien, WI 1030 (175), WBYS 98.3 Canton, IL 1035 nx & wx (35), WRCO Richland Center, WI 1055 r (200), KNEI 103.9 Wauken, IA 1105 r oldies (200), WSDN 88.9 Notre Dame, IN 2100 c (240), WLNK 88.9 Lincoln, IL 2107 "LNX-89" r (70), WJMU 89.5 Decatur, IL 2116 r (100), WISU 89.7 Terre Haute, IN 2126 Ragga mx (180), WBLV 90.3 Twin Lake, MI 2145 Blue Lake Jazz Pgm., (300), WJRE 92.1 Kewanee, IL 2150 (65), WJTY 88.1 Lancaster, WI 2205 g mx (165), WAJP 93.5 Joliet, IL 2246 (155).

7/24 - I put up and guyed a 30 ft. telescoping mast. Extra 10 ft. makes an improvement, especially to the SE and E where a 70 foot tree is a few feet from the antenna. Great Es opening in the evening which I caught in progress. WOVV 95.5 Ft. Pierce, FL 2014 (1070) Johnson Chrysler-Plymouth ad, WPCV 97.5 Winter Haven-Lake-land, FL 2020 (1000) ID, WMMF 97.9 Palm Beach, FL 2022 (1125) r w/Jay Michaels DJ, WROO 96.5 Orlando, FL 2024 (980) r, "Stereo-96", WVMF 94.1 Lakeland, FL 2026 Carol's Uniform Center ad, WVKA 92.3 Orlando gave request line phone # 424-92FM 2030, WCKS 101.1 Cocoa Beach, FL 2039 (1015) Gatsby's Eatery ad, WYMF 94.9 Tampa, FL 2046 (980) ID, WNOE 101.1 New Orleans, LA 2122 (730) w/Country Countdown, WEEB 97.1 New Orleans 2125 "B-97-FM" Sanger Theatre ad, WLIN 95.5 Jackson, MS 2130 (570) "Linn" w/Tim's Chevrolet ad, WQUE 93.3 New Orleans 2132 "Q-93" w/r oldies and remote from Bert's restaurant, KZZQ 94.3 Galliano, LA 2135 (775) w/Galliano IGA ad, KYKZ 96.1 Lake Charles, LA (730), 2215 "Lake Country" w/k mx, KDEA 99.1 New Iberia, LA 2230 (735) ID, KTIZ 96.9 Alexandria, LA 2230 (645), "Pis," KQKI 95.3 Bayou Vista, LA 2232 (755) wx, then the MUF rapidly fell; got unexpected KTXK 88.1 Lubbock TX 2300 (775) w/disco, which soon vanished when rain and thunderstorm hit here.

7/25 tr WKMS 91.3 Murray, KY (300) 0204 s/off, WKXK 100.9 Pana, IL (108) 1828 k mx, WNOI 103.9 Flora, IL (165) 1844 k mx, WKJF 92.9 Cadillac, MI (370) 1903 ID, nx, WBEI 92.9 Olney, IL (175) thru pest KGRG - think they had hard rock, WQEL 106.3 Benton, IL (185) 1918. 7/26 tr WAUR 107.9 Aurora, IL (145) 1058 nx, then r. Am getting audio from MTV on this freq. w/ant. to NE & E w/no local IDs. The TV cable radiation here is unbelievable and it is probably related to that (the cable company and city attorney are looking into it), KICD 107.7 Spencer, IA (290) 1106 Burns Motor Co. ad, WCCN 107.5 Neillville, WI (175) 1116 ad for businesses in Loyal, WI, KROC 106.9 Rochester, MN (260) 1137 r "The Music Source," WKRV 107.1 Vandalia, IL (125) Fayette Co. wx then r, WMS 94.3 Beardstown, IL (32) 1555 ABC Contemp. nx, then r, KMAQ 95.3 Maquoketa, IA (110) 1632 sports and ID. Closest unheard is WLRX 100.1 (72) on same freq. as local WKAI. I can actually get somewhat of a null on WKAI to the SE so they may yet be heard. #1 goal here is to get Es in that null. WBOD 100.9 (35) also unheard, but they must be silent as WBYS 98.3, same city, nearly pins the meter. KLYF 100.3 Des Moines, IA (170) 1733 "Life" w/beaut. mx, KZNN 105.3 Rolla, MO (180) 2000 "Country-105" also "Cousin Country," KELO 92.5 Sioux Falls, SD (375) 2031 w/ant. SE towards WBKR, KSEZ 97.9 Sioux City, IA (330) 2050 First Ntl. Bank of Sioux City ad, KNWC 96.5 Sioux Falls, SD 2100 Volunteer Info. Ctr. ad, religious programming, KMG 98.7 Centerville, IA (120) 2100 Steve Thompson show w/r, KOEL 92.3 Oelwein, IA (165) 2105 "Country Fresh FM." Their AM station was one of my first BCB DX catches from MA in the 1950's, KYNM 94.1 Omaha, NE 2110 ID.

7/27 tr KBFL 90.3 Buffalo, MO (230) 0545 k-rock, KLDN 92.7 Eldon, MO (180) 0600 k mx, nx, KSHO 95.9 Salem MO (205) 0607 Dent Co. nx, WZZR 102.7 Memphis, TN 0625 (375) "Rock-103," WKXI 105.9 Memphis 0645 "New Kix-106." 73.

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Michael L. Hogan - 13910 Chippewa Ave. Apt. #1 - Burnham, IL 60633  
Equipment: Panasonic RF-2600, RF-1115, and  
Magnavox MX-1143 with Radio Shack Indoor "Ears."

DX has picked up slightly with Es on the scene several times during the month of July. The following new stations were received as a result of that Es.

7/24 Es 2000 WINZ 94.9 FL Miami Beach, 7/24 Es 2200 KWTX 97.5 TX Waco, "I-95," ads wxcast, ID  
73's Mike

Dave Brumfield - 1618 Chester Blvd. - Richmond, IN 47374

6/14 Es	6/29 tr
1657 KGBI 89.3 TX Dallas	1836 WYPC 101.5 OH Gallipolis
1755 KWLW 93.9 TX San Angelo	6/30 Es
6/22 Es	1400 KCMH 88.1 CO Manitou Springs
1230 KSBJ 88.1 TX Humble, ordained station	1519 KSBJ 88.1 TX Humble
1257 KPVV 91.3 TX Prairie View	7/3 Es
6/23 tr	1530 WQID 93.7 MS Biloxi
1513 WSMI 106.1 IL Litchfield	1545 WQUE 93.3 LA New Orleans
6/25 Es	1600 KXAA 93.1 TAMS Reynosa
1818 KNFM 92.3 TX Midland	7/11 tr
1819 KXTX 88.1 TX Lubbock	1133 WCRC 95.7 IL Effingham
1827 KIXT 94.7 TX San Angelo	1152 WQBE 97.5 WV Charleston
1843 KOYE 94.9 TX Laredo	1430 WTCR 103.3 WV Huntington
1853 KITY 92.9 TX San Antonio	1443 WKDF 103.3 TN Nashville
1902 KSUC 88.3 TX Keene	7/12 Es
1914 KXIL 92.9 TX San Angelo	1023 WNGS 92.1 FL West Palm Beach
1921 KURN 92.1 TX Sonora	1032 WGYL 93.5 FL Vero Beach
1935 KPMN 107.9 TX Abilene	1040 WWL 93.9 FL Miami Beach
1959 KOAX 105.3 TX Dallas-Fort Worth	1045 unID 92.1 FL Hialeah?, SS
2000 KERA 90.1 TX Dallas-Fort Worth	1057 unID 100.7 FL Ft. Lauderdale-Miami
2007 KLVU 98.7 TX Dallas-Fort Worth	1105 unID 95.5 FL Key West
2009 KKKK 99.1 TX Odessa, "Love-99"	1122 WINK 96.9 FL Ft. Myers
2011 KEAN 105.1 TX Abilene	1215 unID 93.1 MX SS
2015 KWAJ 103.3 TX Midland-Odessa	1237 KODK 92.7 TX Kingsville
2030 KACT 105.5 TX Andrews	1252 unID 94.7 ?? SS
2048 KTON 106.3 TX Belton	1259 unID 91.7 ?? SS
2050 KKCC 106.9 OK Clinton	7/14 tr
2100 KUFO 97.9 TX Odessa	0301 WQAL 104.1 OH Cleveland
2120 WKVI 95.3 TX Big Spring	7/14 Es
2126 KOBQ 100.7 TX Abilene	1640 KKNJ 93.1 ?? to Northeast
6/26 Es	1700 unID 88.1 ?? to Northeast, FF
1101 KGRE 92.5 CO Greeley	1854 KSQY 95.1 SD Deadwood
1104 KUNC 91.5 CO Greeley	1900 KESD 88.3 SD Brookings
1108 KNEB 94.1 NE Scottsbluff-Gering	1908 KKEJ 93.9 SD Rapid City
1152 KHEB 93.1 SD Sturgis-Rapid City	1913 KLOE 98.7 MN Pipestone
1156 KSQY 95.1 SD Deadwood, "Sky-95"	7/19 tr
1200 KKRJ 93.9 SD Rapid City	1130 WSSR 91.9 IL Springfield
1210 KQDY 94.5 ND Bismarck	7/24 tr
6/28 Es	0900 WFPN 88.5 WV Charleston
1138 KQIZ 93.1 TX Amarillo	0900 WVPW 88.9 WV Buckhannon
1150 KRDF 98.3 TX Spearman-Gruver	7/25 Es
1156 KXKL 94.1 NM Albuquerque	0020 KSEL 93.7 TX Lubbock
1158 KOB 93.3 NM Albuquerque	0022 KXXY 96.1 OK Oklahoma City
1200 KFLQ 91.5 NM Albuquerque	0025 KZOR 94.1 NM Hobbs, "Z-94"
1221 KANW 89.1 NM Albuquerque	0037 KENW 89.5 NM Portales
1232 KPMG 107.9 NM Albuquerque	7/29 tr
1337 KYGO 98.5 CO Denver	0230 WJEZ 104.3 IL Chicago
1349 KTAJ 93.9 WY Riverton	7/29 Es
1406 KOLL 93.5 WY Gillette	1252 unID 93.3 LA New Orleans?, "Q-93"

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John Ebeling - 9209 Vincent Ave. S. - Bloomington, MN 55431

From Bloomington, MN Location:

7/14 Es	7/14 Es
1758 WFAB 90.7 NC Charlotte	1825 WKIK 96.1 NC Shelby, "FM-96"
1800 WEPB 90.1 SC Greenville-Anderson	1827 WNCV 96.7 KY Paris, "Nice-97"
1800 WNSC 88.9 SC Rock Hill	1857 WTVF 89.1 VA Roanoke
1800 WBJA 88.1 SC Sumter	1859 WKQB 107.5 SC St. George
1800 WJWJ 89.9 SC Beaufort	7/19 Es
1800 WLTH 91.3 SC Columbia	1600 CHIK 98.9 PQ Quebec
(All // programming - SC Network)	7/19 tr
1805 WAGI 105.3 SC Gafney	1628 WDUZ 98.5 WI Green Bay, "FM-98"
1807 WIVK 107.7 TN Knoxville	(Local off air)
1816 WKTN 102.5 SC Charleston	7/21 tr
1819 WCOS 97.9 SC Columbia	0000 KESD 101.5 SD Gregory
1823 WTWE 92.1 SC Manning	(Time is CDT)

- Continued -

\*Once again, severe weather causes its own Es. A widespread severe thunderstorm knocked local Ch. 2 off the air and I received Montreal on Ch. 2 and a lone French FMer. 1/2 hour after front passed, Es gone but tropes better than average.

## From Prosit, MN Cabin Location:

7/3 tr	2/5 Es
1700 KMSU 89.7 MN Mankato	2009 WNGC 95.5 GA Athens
1729 KGG 104.9 IA Hampton	2012 WKKZ 92.7 GA Dublin
1730 KCHA 95.9 IA Charles City	7/6 tr
1800 WOI 90.1 IA Ames	0008 CBELA 90.1 ON Atikokan
2010 WCCN 107.5 WI Neilsville	7/23 Es
7/3 Es	Day long Es on TV 0900-1700; Nothing on FM
1818 WCKW 92.3 LA Laplace	7/24 Es
1901 WLPR 96.1 AL Mobile	1932 WQST 92.5 MS Forest
1925 WCEM 102.7 FL Milton-Pensacola	1945 WLIN 95.5 MS Jackson
1930 WFFM 107.9 FL Panama City	1959 WQUE 93.3 LA New Orleans,
2000 WKYD 98.1 AL Andalusia	+ Music SCA "Q-93 Hit Radio"
2002 WONE 98.5 FL Panama City	2000 WCKW 92.3 LA Laplace
2030 WQXM 97.9 FL St. Petersburg-Clearw.	2003 WTIJ 97.7 MS Fayette
7/5 Es	2030 KTKZ 96.1 LA Lake Charles
1830 WYFM 92.5 ?? (gospel program)	2035 WCKW 92.3 LA Laplace, Noted a song
1844 WJYR 92.1 SC Myrtle Beach, "Joy"	dedicated to listener in Stevens Point, WI
1859 WCEB 92.3 NC Asheville	and Buffalo, NY. Aware of Es and gave
1914 WBSL 97.3 NC Wilmington	phone # to call station!!
1931 WFAB 90.7 NC Charlotte	2100 KRVS 88.7 LA Lafayette
1933 WLTR 91.3 SC Columbia	2100 KVPJ 93.5 LA Ville Platte
1933 WBJA 88.1 SC Sumter	2104 KSMB 94.5 LA Lafayette
1933 WNSC 88.9 SC Rock Hill	2105 KJNA 99.3 LA Jena
1933 WSCI 89.3 SC Charleston	2106 KHAZ 95.5 ?? "FM-100 - Mx of EZ FM"
1933 WJWJ 89.9 SC Beaufort	2115 KDEA 99.1 LA New Iberia
1933 WEPB 90.1 SC Greenville-Spartanburg	2118 KTDY 99.9 LA Lafayette
(All 77 programming w/multiple IDs-SC Net)	2124 KRBE 104.1 TX Houston
1935 WROQ 95.1 NC Charlotte	2130 KAJN 102.9 LA Crowley, + SCA X
1949 WEAB 93.1 GA Savannah, "E-93"	2135 KQUE 102.9 TX Houston, "KQ"
1950 WESC 92.5 SC Greenville, "ESC"	2140 KSRH 96.5 TX Houston
2000 WLFJ 89.3 SC Greenville	2142 KLEF 94.5 TX Houston
2001 WSVH 91.1 GA Savannah	2153 KMJQ 102.1 TX Clear Lake City
2003 WNUU 94.5 SC Greenville	2158 KTKI 95.7 TX Houston
2007 WSGF 95.5 GA Savannah, "FM-95"	2212 KILT 100.3 TX Houston

+ + + + +

## Ronald Purdue - Route #1, Box 224 - Byron, MN 55920

Equipment: Realistic STA-111 and Archer "Stereo Supreme" FM Antenna w/Coax Lead-in.

6/26 Es	7/3 Es
1921 KBIL 92.9 TX San Angelo, r	2016 WGOV 92.9 GA Valdosta, k
1924 KBUC 107.5 TX San Antonio, k,	2030 WEGN 93.5 AL Evergreen, k
ID, sports nx	2035 WKYD 98.1 AL Andalusia, PSA's
1944 KQXY 94.1 TX Beaumont, ads, b	2048 WQXM 97.9 FL Clearwater, p
6/27 Es	2100 WGGG 95.7 FL Clearwater, r, ID
2101 KEZB 93.9 TX El Paso, b	2111 WLJS 91.9 AL Jacksonville, r
2110 KAMZ 93.1 TX El Paso, ads, r	7/14 Es
2112 KFIM 92.3 TX El Paso, ads	1841 WMYU 102.1 TN Sevierville, ad, r
2123 XHPX 98.3 COA Ciudad Juarez, SS	1846 WQPR 99.1 NC Whiteville, r
2136 KBIN 94.9 NM Roswell, ads, b	1850 WSSX 95.1 SC Charleston, r
6/28 tr	1852 WUDM 101.3 SC Sumter,
1750 KRRL 93.7 IA Carroll, ads, p	Sheridan Bdcstg. Net. nx
1841 WKKQ 93.9 MN Hibbing, ads	1853 WSSL 100.5 SC Laurens, ads,
6/29 Es	k, "Whistle-100"
2008 WCHY 94.1 GA Savannah, ads	1901 WKTH 102.5 SC Charleston, ads,
2009 WEAS 93.1 GA Savannah, "E-93"	AOR, "KTH-102"
2014 WSB 98.5 GA Atlanta, r, "99-FM"	1906 WCKN 101.1 SC Anderson, ads, r
2017 WDI2 100.3 FL Orlando, ads	1910 WJZR 99.7 NC Kannapolis, wx, ID
2022 WQIK 99.1 FL Jacksonville, k	1914 WKIK 96.1 NC Shelby, r
2025 WJGA 92.1 GA Jackson, talk	1919 WSGS 101.1 KY Hazard, k, ad, no \$
2027 WKKZ 92.7 GA Dublin, ads, r, ID	1924 WXRK 95.7 NC Hickory, "X96-Rock"
2028 WSVF 92.7 FL Green Cove Springs	1927 WDSO 92.9 SC Dillon, b
2030 WSNF 93.5 GA Sandersville, nx	1936 WBBQ 104.3 GA Augusta, ads

- Remarks Continued -

Only the latter part of June and the middle of July had some productive FM-DX while E-skip right after the 14th just "burned off." On the 29th of June, WJGA-FM 92.1 had just talk. I wonder if that's their format? In the FM Atlas their format is soul. (Could anybody help me on that?).  
In local FM news, KRPR 89.9 FM is off for the summer. From June 30th to July 6th, KRPR-FM went off the air due to a blown transformer caused by an intense thunder storm occurring on the evening of the 30th. (I wonder if that was well "made up!") Well, that'll wrap up another report for this month. This is the start of my third year with the club and where's that "Mailbox" Column in the VUD? I surely miss it! (Watch for "Mailbox" to return soon. At least, that is what I heard in Dunkirk. -RS)  
See you in 30 and good DX.

+ + + + +

## Bob Zent - 1835 Fruit St. - Huntington, IN 46750

7/3 Es	7/18 Es
1900 WVCU 89.7 FL Miami, g, ID	2044 KFIM 92.3 TX El Paso, local ad
1917 WFSU 91.5 FL Tallahassee, c ID	2059 KEZB 93.9 TX El Paso, local ad
1927 WRBH 88.3 LA New Orleans,	7/21 tr
program promo	0617 KSLH 91.5 MO St. Louis,
1942 KIXS 93.3 TX Killen, local ads	7/23 Es
1944 KCKR 93.5 TX Crockett,	1439 KAIL 92.9 TX San Angelo,
station promo	call letters
1948 KWTX 97.5 TX Waco, call letters	1457 KZOR 94.1 NM Hobbes, local ad
1949 KPLX 99.5 TX Fort Worth,	7/23 tr
local ads, call letters	2202 WCBN 88.3 MI Ann Arbor, ID, 10w
1951 KSGS 96.3 TX Fort Worth,	7/24 tr
k, call letters	0000 WWMW 105.5 OH Sylvania, r, ID
1953 WRR 101.1 TX Dallas, c, ID	(o/WIFF. Detroit, Windsor, Toledo strong)
1959 WCOZ 100.1 LA Shreveport, b, (Station	0002 WVKC 90.5 IL Galesburg, s/off,
fading in & out) Heard: "WCO----port"	"The Voice"
2000 KXCL 107.9 TX Corsicana, SS, ID	0011 WPLN 90.3 TN Nashville, s/off
2001 KZFD 107.9 TX Victoria, r, ID	7/24 Es
2006 KFXE 92.3 AR Pine Bluff,	1912 WGGG 95.7 FL Clearwater, r,
"Foxy-92"	call letters
2027 KCBT 89.3 TX Dallas, g,	1915 WMEZ 94.1 FL Pensacola, b,
call letters	call letters
2030 KUT 90.5 TX Austin, r, ID	1929 WQLM 92.7 FL Punta Gorda, PSA,
2054 KTSU 90.9 TX Houston,	call letters
station promo	1932 WLPR 96.1 AL Mobile, local ad,
7/14 Es	call letters
1837 KPNF 101.1 KS Oberlin, k,	1934 WDI2 100.3 FL Orlando, r, ID,
call letters	promo
1838 KGOR 99.9 NE Omaha, m, calls	1959 WXOS 100.3 FL Plantation Key, ID
1841 KQKQ 98.5 IA Council Bluffs,	1140 weather
"Sweet-98,"	2009 WINK 96.9 FL Fort Myers, r, ID
local concert promo	2013 WKFX 88.5 KY Falmouth,
1846 KRVN 93.1 NE Lexington, ID,	call letters
local ads	2022 WYUS 104.7 FL Big Pine Key, r,
1849 KSDZ 95.5 NE Gordon, wx, calls	1140 ex-93.5
1851 KNEB 94.1 NE Scottsbluff, ad	7/24 tr (in the middle of a skip opening)
1853 KPNY 92.1 NE Alliance, wx, calls	2053 WIOK 95.3 KY Falmouth,
1854 KMGK 93.3 IA Des Moines, ad	promotional contest w/station address
(Amazingly short distance for Es)	7/24 Es (Now back to Es)
1904 KIDA 92.7 IA Ida Grove, news,	2054 KODK 92.7 TX Kingsville, calls
call letters	1160
1907 KROA 95.7 NE Grand Island, g, ID	2100 KHCB 105.7 TX Houston, ID
1913 KRCS 93.1 SD Sturgis, local ad	945
1915 KBCM 95.5 IA Sioux City,	2105 KLCB 102.3 TX Center, wx, calls
station promo	775
1916 KVSF 97.9 SD Rapid City, g, ad	2107 KQUE 102.9 TX Houston, calls
900	945
1929 KELN 97.1 NE North Platte, r, ad	2116 KQXY 94.1 TX Beaumont, calls
775	885
1939 KSEZ 97.9 IA Sioux City, r,	2118 KDBH 97.7 LA Natchitoches, k,
call letters	745
	call letters
	2128 KBPM 104.1 TX Edinburg, r, PSA,
	1230 call letters

- Continued -



7/24 Es  
 2144 KNCN 101.3 TX Sinton, r 1120  
 "Corpus Christi's best rock, C-101"  
 2157 KMEZ 100.3 TX Dallas, wx 840  
 2158 KLOL 101.1 TX Houston, calls 945  
 2203 KUT 90.5 TX Austin, (Anncr. 1000  
 mentioned people listening in SC and OH)  
 2218 KPMN 107.9 TX Abilene, r, calls 975  
 2230 KCBT 89.3 TX Dallas, g, ID 840  
 2232 KNCT 91.3 TX Killen, 950  
 fund raising  
 2237 KZFM 95.5 TX Corpus Christi, wx1130  
 2329 KFLQ 91.5 NM Albuquerque, ID, g 1195  
 Some nice openings this month resulting in lots of new loggings. Iowa, Alabama, and Arkansas are new E-skip states for me. Spent the first week of July visiting some people in the Minneapolis area. Took my portable radio along but it overloaded on the local stations making DX impossible. Had a nice visit with Ralph Strobel on the 12th, and heard some DX while there. His McIntosh tuner is quite impressive. Sorry I'm not going to make it to the convention again this year. I'd really like to, (haven't been to one since 1977), but my work schedule won't allow it this year. Hopefully next year....  
 73s, Bob

+ + + + +

Ralph Strobel - 2300 E. McGalliard Rd. - Muncie, IN 47303

7/12 Es  
 1048 WPKX 88.5 FL Sunrise, r\$, wx 1025  
 1050 WWL 93.9 FL Miami Beach, r\$ 1045  
 1059 WLEN 91.3 FL Miami, g\$ 1045  
 1110 WSWN 93.5 FL Belle Glade, k\$, ad 960  
 1128 WQVU 94.5 FL Naples-Ft. Myers, 1000  
 "Seaview," b\$  
 1141 WFTN 92.5 FL Key West, r\$ 1080  
 1300 KOIR 88.5 TX Edinburg, SS, 1275  
 ID in English  
 7/14 Es (Closest E-Skip ever)  
 1824 KODY 94.9 NE North Platte, k\$ 850  
 1826 KWKG 93.3 IA Des Moines, 450  
 "Magic-93," r\$  
 1832 KANZ 91.1 KS Garden City, wx 890  
 1836 KQSK 97.5 NE Chadron, r\$, ad 960  
 1840 KKEZ 94.5 IA Fort Dodge, r\$ 500  
 1845 KWCV 95.9 IA Webster City, r\$ 480  
 1848 KWYR 93.7 SD Winner, ads 810  
 1853 KPNF 101.1 KS Oberlin, g\$ 850  
 1855 KKGS 101.9 CO CO Springs, k\$ 1025  
 1859 KTFP 91.1 IA Fort Dodge, wx 500  
 1900 KGFY 92.7 SD Pierre 850  
 1905 KNWC 96.5 SD Sioux Falls, g\$, mx 660  
 1910 KNEY 95.3 SD Pierre, ads, "I-95" 850  
 1917 KELO 92.5 SD Sioux Falls, b\$ 660  
 1922 KCND 90.5 ND Bismarck, c\$, 930  
 promo, "Prairie Pub. Radio"  
 7/24 Es  
 1855 WWL 93.9 FL Miami Beach, r\$ 1045  
 1900 WINZ 94.9 FL Miami Beach, pr\$ 1045  
 1919 WKSJ 94.9 AL Mobile, k\$, 700  
 "KJSJ-Country"  
 1924 WBLX 92.9 AL Mobile, s\$ 700  
 1937 WPKX 88.5 FL Sunrise, r\$ 1025  
 2000 WHRS 90.7 FL West Palm Beach, 970  
 "\$-91," fund raising  
 2004 WQLM 92.7 FL Punta Gorda, b\$ 950  
 2032 KJAE 92.7 LA Leesville, k\$ 800  
 2035 KODK 92.7 TX Kingsville, r\$ 1200  
 2042 KSRR 96.5 TX Houston, ad 960  
 2046 KCKR 93.5 TX Crockett, k\$ 850  
 2059 KKGK 96.9 TX El Campo, r\$ 1000  
 2109 KAOC 93.3 TX Port Lavaca, k\$ 1100  
 2129 KQXX 98.5 TX McAllen-Brownsvil. 1275  
 2132 KVLV 107.9 TX Edinburg, b\$ 1275  
 2135 KOYE 94.9 TX Laredo, p\$ 1250  
 2143 KQTT 101.9 TX San Antonio, b\$ 1110  
 2146 KUT 90.5 TX Austin, UT ment. 1050  
 2148 KBIL 92.9 TX San Angelo, r\$ 1100  
 2159 KPMN 107.9 TX Abilene, r\$ 1040  
 2202 KLTN 99.3 TX Lampasas, s\$ 1010  
 2217 KKAJ 95.7 OK Ardmore, g\$ 800  
 2219 KINE 97.7 TX Kingsville, k\$ 1200  
 2234 KOOI 106.5 TX Jacksonville, b\$ 780  
 2300 KFLQ 91.5 NM Albuquerque, SS 1250

7/18 Es  
 2017 KBAT 93.3 TX Midland, k\$ 1140  
 2030 KEZB 93.9 TX El Paso, b\$ 1360  
 7/22 Es  
 2224 KEXX 93.9 TX Corpus Christi, r\$ 1170  
 2240 KSBJ 88.1 TX Humble, g\$ 950  
 7/23 Es  
 1557 WWL 93.9 FL Miami Beach, r\$ 1045  
 E-skip was very average this summer. The tropo situation has been even worse! Guess I spoke too soon regarding meteor scatter. Two stations were just heard. On tape, I have:  
 8/12 ms 0555 WCIE 91.1 FL Lakeland, "...Kids Incorporated of Lakeland..." ex-91.3 by ms. & 0559 KANZ 91.1 KS Garden City, "...This is listener supported radio, KANZ for Garden City, Kansas..." (Previous Es)  
 Much thanks to Bob Seybold for an outstanding convention. The final night was back on the hill to see Milwaukee TV stations, as well as 90.7 in Delafield, WI on FM.  
 73s, Ralph

+ + + + +

## FM STATISTICS

Fred Nordquist  
 7945 Boxford Road  
 Clay, NY 13041

September 1983

Deadline: the 5th

		FM SCOREBOARD													
Dxer.	Location	Rank	Total	88-92	Es	MS	Au	USA	CN	MX	FO	TPU	YB	As of:	
Pat Dyer,	San Antonio TX	1	1518	204	1239	23	0	41+	3	7	3	54	70	1/1/82	
Bruce Elving,	Duluth MN	2	1473	130	685	8	7	44+	3	1	0	49	48	4/1/83	
Danny Buntin,	Stillwater OK	3	1441	202	818	3	0	48+	5	9	0	63	74	8/2/82	
John Ebaling,	Bloomington, MN	4	1388	210	788	38	78	47+	4	5	0	51	52	1/1/83	
Mike Dalton,	Clearwater FL	5	1283	284	692	8	0	42+	3	12	12	70	72	5/31/83	
Fred Nordquist,	Clay NY	6	1184	184	567	28	54	39+	5	0	2	47	69	7/15/83	
Mike Bugaj,	Enfield CT	7	1159	140	629	7	21	37+	3	0	1	42	74	12/14/82	
Ralph Strobel,	Muncie IN	8	1139	306	160	31	4	38+	3	1	0	43	72	6/8/83	
Peter Sawatzky,	Qualph ON	9	1088	167	500	112	6	38+	7	0	1	47	71	12/22/82	
Tim McVey,	Bolivar TN	10	1075	151	392	1	1	42	5	11	1	59	77	7/1/83	
Fred Mc Cormack,	Des Laos ND	11	1074	137	801	25	85	44+	6	4	0	55	65	7/2/83	
Bob Seybold,	Dunkirk NY	12	1011	149	510	0	0	40	6	2	0	48	50	8/8/82	
Joseph Fala,	S. Plainfield NJ	13	997	199	484	2	9	37+	5	0	3	46	68	5/29/83	
Jim Pissal,	Lovington NM	14	878	107	687	2	0	37	5	11	2	53	81	7/11/83	
David Nieman,	Akron NY	15	861	222	188	28	18	40+	7	0	2	50	59	6/23/83	
Hank Holbrook,	Chevy Chase MD	16	787V	187	208	15	0	35+	5	0	3	44	59	5/8/83	
Saul Chernos,	Burnt River ON	17	768	114	414	48	70	37+	7	0	0	45	77	4/16/83	
Fred McCormack,	Fargo ND	18	763	88	490	3	47	47+	4	2	0	54	74	7/4/83	
John Jefferson,	Pleasanton CA	19	679	140	353	114	0	23	4	4	0	31	57	4/10/83	
Richard Steinberger,	Hudson MA	20	607	130	266	12	6	34+	4	0	0	39	39	6/25/82	
Joseph Smith,	Johnson City NY	21	602	70	164	0	0	34+	2	0	1	38	71	6/15/82	
Daniel Oetting,	Brookmall PA	22	540	127	181	1	3	30+	5	0	0	36	77	4/20/83	
John Ebaling,	Prosit MN	23	513	86	241	2	5	40+	7	0	0	48	75	1/1/83	
Jim Ayers,	Murfreesboro TN	24	448	73	18	1	0	27	1	1	0	29	81	2/12/82	
Alan Michalek,	Springfield MA	25	402	47	200	0	0	36	4	0	0	40	52	7/25/82	
David O'Dell,	Little Rock AR	26	367	39	112	0	0	40+	4	1	0	46	80	9/23/82	
Mike Hogan,	Burnham IL	27	301	56	28	0	0	24	1	0	0	25	76	10/12/82	
David Hascall,	Fortville IN	28	297	56	297	1	0	26	4	0	0	30	76	1/5/83	
Bob Sweitzer,	E. Brunswick NJ	29	230	71	7	0	0	10+	0	0	0	11	77	10/16/82	
Robert Ross,	London ON	30	204	43	19	0	0	14	1	0	0	15	76	2/1/83	
Ronald Pundus,	Byron MN	31	156	2	95	0	0	20+	0	2	0	23	81	6/25/83	
Frank Wheeler,	Erie PA	32	145	16	3	0	0	8	1	0	0	8	64	4/3/83	
Wm Hepburn,	Niagara Falls ON	33	135	47	35	0	0	18+	1	0	0	20	79	5/20/83	

Notes: V=Verified (QSL's). Several members entries were dropped from the standings due to no updates received since 1981. All actively DXing members are welcome to submit their FM Scoreboard stats and be a part of the numbers game. Column definitions are as follows: Total= Total number of FM stations logged. (Freq. Changes count as a new station, call letter changes DO NOT count.) 88-92= all stations logged from 88.0 to 91.99 Mhz. Es= total number of stations logged via E-skip. MS= total by meteor scatter. Au= total via Aurora. USA= total number of states and the "+" = Washington DC. CN= number of Canadian provinces logged; MX= number of Mexican states logged; FO= number of foreign countries logged, but not Canada or Mexico. TPU or "total political units" = sum of USA CN MX and FO. YB= the year you began DXing.

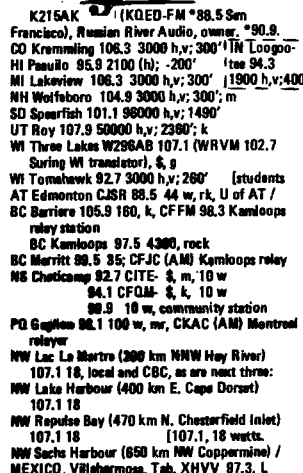
You got the word on page 34 of the July 83 VUD --- we need your stats updates --- I plan on doing an update of Stats Stats and Distance records next month. See you at the convention in Dunkirk! 73 - Fred.



**KTRO**  
 335 Muncie Road  
 Leavenworth, Kansas 66048

Beautiful  
 Country  
 FM 99

CA Eureka 101.5 100000 h,v; 1840', m  
CA Needles KJMM 97.9 100000 1400', rock  
CA San Luis Obispo 98.1 3000 h,v; 1820'  
CA Villa Grande (38-28-37; 123-01-21)  
NINETY ONE F.M. INC.  
P.O. Box 171 Villa Grande, CA 95486



104.1? Leon, Gto, "FM Globo"  
XHUZ 105.3, city unknown, calls + 105 FM + man  
morena (more modern)  
X7 91.1 Leon "Radio-TV de Guanajuato"  
CALL LETTERS ASSIGNED

AK Naknek 100.9 KTTH  
CA Burney 106.1 KARZ  
CA Coachella 93.7 KCHV (KVIM)  
CA Le Grand \*90.1 KEFR  
CA Los Angeles 93.1 KKKR (KNK-FM)  
FL Fort Myers Beach 99.3 WQEZ  
FL Holiday 106.3 WVTY (WHBS)  
GA Bialak 93.5 WBBK-FM  
FL New Port Richey 105.6 WGUL-FM (WPSO), m.

FL Patuxent 98.9 WNFI (W/NFY) [Sorsshine-93.  
GA Manchester 93.3 WVVF-FM (WOCK), still g.  
GA Ocilla 97.7 WKA (MOWZ)  
GA Savannah 95.5 WVX (WSGF-FM) [87.1 ChL  
IL Paxton 104.9 WKD [97, simulcast w. WNIB/  
IL Zion 96.9 WNIZ-FM (WKZN-FM), c. Classical/  
IN North Vernon 106.1 WNNV-FM (WOCH-FM)  
IN Versailles 103.1 WOVR-FM"  
IA Ames \*91.5 KUSR (KPGY), now rock  
IA Grundy Center 97.7 KGCI  
IA Ottumwa 92.7 KTW (strict)  
IA Sioux City 95.5 KGL (KBGM), mr. KG-95/  
KS Hughton 106.7 KHUQ (KGOI)  
ME Auburn 99.9 WKZS (WVAW)  
MD Baltimore 106.5 WMMR-FM (WRXL), 106-Hits

MD Bethesda 102.3 WTKS (WHFS), off air, awaiting rain-  
carriage as all news, with WTOP (AM) Washington.  
MA Worcester 91.9 WAYW  
MI Cadillac 96.7 WEVZ (WITW)  
MI Rogers City 97.7 WOEK  
MN Brezzy Point 95.3 KLKS (K-Lakes?)  
MN Ortonville 101.5 KC6N  
MN St James 104.9 KXAX (KKKA), not yet on air  
MN Cambridge 105.5 KXZY-FM (KABG)  
MS Jackson 96.3 WYYN (WXYL)  
MO Mountain View 96.7 KIAG  
MO Newayville 97.7 KBFD-FM (KFBD-FM) [network  
NE Lincoln 95.3 KXSS (KGBH), Kiss (strict), r (h/s), no /  
NJ Newark 100.3 WHTZ (WWNJ-FM), r, z-100, no net-  
work assumed (was ABC-Entertainment)

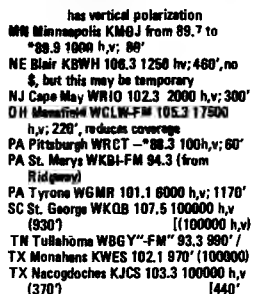
NJ Ruidoso 93.5 KTYT (KBVO)  
 NY Syracuse 94.5 WYYY (WYSR-FM), still r, but  
 somewhat more "adult"  
 NE Elkin 100.9 WJFM-FM (WJFM-FM)  
 ND Valley City 100.9 KKYC (KQVC-FM), ♀ rock  
 OH Bowling Green 93.5 WRON (WKIO), ♀, r, "Toledo's  
 OH Cleveland ♀ 90.3 WCPN [Rock?]/ [FM]  
 OH Washington County Home 105.5 WCHO-FM (WCHO /  
 OR Coos Bay 98.3 KYTT-FM (KICR)  
 OR Florence 104.7 KBK (KMTB)  
 PA Emporium 92.7 WKUW [WLZN]  
 PA Hazleton 97.9 WYCD (apparently not changing to /  
 PA Muncy 103.9 WYCD, J-104 (may wipe out WZ80A  
 103.9, as Muncy is not far from Williamsport, home  
 of translator station WZ80A) Facilities: Ar Hunts-  
 SC Columbia 93.5 WCEZ (WKRY TV) KRRA 95.9 3000  
 SC Hemingway ♀ 90.9 WLGI (WBHA) h/v; 300' Ar Little  
 TN Harrison 92.7 WBHT (WJRS) Rock KABF ♀ 88.3  
 TN Henderson 95.9 WFXX 10000 h, deleting  
 TX Crustal City 94.3 KHER vertical, 640'  
 TX Groves 92.1 KFTS  
 TX Macia 104.8 KYTX, to 2100 h/v; 350'  
 TX Texarkana ♀ 91.5 KYTX  
 UT Salt Lake City 98.7 KCPX-FM (KCPX-FM; also  
 affects La Barge WY 106.3 translator)

WA Bellevue 92.5 KLSY (KZAM-FM) <sup>San Jose</sup> <sup>Classy</sup>  
 WA Ephra 95.9 KTRJ (KTRJ-FM) <sup>San Antonio</sup> 104.5  
 WA Grand Coulee 98.5 KQY 1 KXZL (KVAR)  
 WV Charleston 102.7 WVSR (WTFD), to 50000 Hz, 420'  
 WV Hinton 102.3 WVTD-FM  
 WV Huntington 100.5 WKKE-FM (WKEE-"FM")  
 WV St. Marys 101.7 WRRR-FM  
 WN Fort Frances 89.1 CKSB-- On air, mono French  
                                     90.5 CBQT     "     "     "     English  
 BC Fernie 97.3 CBTN (not CBTH)  
 MB Brandon 99.5 CBTF (not CKSB-8), French?  
 ON Nipigon 97.3 CBON-24  
 ON Timmins 96.1 CBON-24 to 45000 Hz, 98.2 meters  
                                     97.1 CBON-25 to 45000 Hz, 98.2'  
 PQ Lovisville 95.3 CHUT, to 8 w, entry missing from p.  
 95 FM.ATI AS. Rev. edition

CA Anderson KEWB 94.3 adds Redding  
CA Pacific Grove KOCN 104.9 adds Monterey  
CA Holtville KGBA 100.1 adds El Centro  
CA Marina KBOQ 92.7 adds Monterey [GA  
GA Brunswick WSBF-FM 100.7 adds St. Simons Island /  
MO Kroc Noster KLUK 105.5 adds Warrensburg  
TN Collegedale WSMC 90.5 adds Chattanooga OH  
WV Parkersburg WXIL 95.1 adds Marietta OH

AL Birmingham WZZK 104.7 1280' (100000 h.v)  
AK Anchorage KNIK 105.3 (from 105.5) 25000 h.v; 255'  
AK Sitka KCAW \*104.7 4300 h.v (-610')  
AR Texarkana KOSY-FM 102.5 97000 h.v (235')  
CA Madera KUUL 92.1 1850 h.v; 390'  
\*CA Redding KSHA 104.3 100000 h.v (1560')

CA Sacramento KCTE 96.1 50000 hrv; 475'  
FL Miami WLRN-FM \*91.3 6500' (100000h)  
GA Valdosta WGOV-FM 92.9 50000 hrv; 250'  
HI Honolulu KHPR \*86.1 25000 hrv (2950')  
ID Lewiston KOZE-FM 96.5 (from 96.7)  
25000 hrv; \*4610'  
ID Pocatello KRBH 102.5 90000 hrv; 1010'  
IL Waukegan WXLC 102.3 26000 hrv; 320'  
IN Fort Wayne WNCB 97.3 26000 hrv; 650'  
IA Carroll KRLR 93.1 26000 hrv (300')  
KY Somerset WOL \*89.9 90000h; 600'  
MN Bemidji KBSS \*89.7 back to 115 h,  
125 Cpi for 100000 given up in favor  
of MN Public Radio, \*88.5  
MN Duluth WABC 195.1



X TX Port Arthur KHYS 98.5 100000 h.y.; /  
UT Cedar City KXSS \*98.1. (from 80.1)  
10000 -480'      2300'  
VA Front Royal WFFV 99.3 100000 h.y.;  
VA Manassas WEZR 106.7 22500 h.y.;730  
WA Longview KLKZ 105.5 300 h.y.;920'  
WA Seattle KUBE 93.3 1250' (1000000h)  
WI Superior WJW BSWB 100.1 595 h.y.;600'  
SC Krimmet CBUK 105.1 (from 101.1)  
NB Newgate CBAF-22 from 105.7 to 97.9  
NB Newgate CBAA from 105.7 to 101.9  
NB Moncton CBAF-28 88.5 to 26000 w  
NS Digby H04.7 6500 (from 980 w) [560']  
ON Peterborough CBCP 93.5 10500 h.y. /  
PQ Cam LG3 CKBJ 380 watts  
PQ Jonquiere CHOC 92.1 (from 90.9) w [200']  
PQ Langire CHLG-79.5. (no 3000'), 8w  
PQ Mistissini Station CBFM 100.7 80 w  
  
                        CBVS     101.5 80 w  
PQ Rouyn Noranda CIRL 88.7 395' (4800')  
PQ Schefferville 88.3 (from 89.9)  
PQ Trois Rivieres CBF-FM1 104.3 (moves  
from Drummondville, must find a new  
frequency)  
YT Old Crow 86.9 (from 88.1), add to FM

IN Covington WYVW 103.1, beautiful music  
IA Hampton KWGG 104.9 K-105 (strict), TX  
KY Princeton WPKY-FM 104.9, m ([strict])  
MN Bemidji KKBJ-FM 103.7, r, KJ-104 /  
MN Glenwood KZZA 107.1, r, ZZA  
MN Madison KLQP 92.1

MN Olivia KOLV 101.7, Mutual network  
 MJ Egg Harbor City WRDR 104.9  
 NY Rome/Lake WUUU 102.5 f, "New You"  
 OR Corvallis KFAT 106.1 (Format: SC Summerville  
 OR Portland KRRC 707.5, WWWZ 93.5 soul, "Charlesto  
 ON Toronto CKLN 88.1 Best FM  
~~NOT STEREO~~ AL Abberville WKLE 94.3, no  
 MN Fosston KEHG-FM 107.1 Z network, no ABC-1  
 MN Hibbing WMGF-FM 106.3 -had fire; to resume  
~~USE THE AIR~~ Stereo sound. Details next  
 MN Faribault KDHL-FM 95.9 -towers below station; has no  
 Mutual network; expected on soon, but with stereo  
~~DELETED - OR PRESUMED DELETED~~  
 MN Grand Rapids WZBSAA 101.7 -elements of antenna  
 rusted out and, translator deleted not necessary in view  
 of WAVC 105.1 Duluth's height increase and addition  
 of vertical polarization.  
 SCA (f +7 kHz) music - CA Sacramento KCTC 96.1 addi-  
 music-on early am to 10 p.m.  
 SC Washington WRDZ

MD Annapolis WLOM 99.1 no SCA (but may be back,  
 with new owners taking over the station)  
 MD Baltimore WFOW 93.1 1X (low power)  
 ---  
 WIYY 87.9 1X (flower throbs) --- Format:  
 MD Glen Burnie WWHN-FM 95.9 1X Full Fort Walton  
 MA Lynn WFHX 101.7 1X Beach WFTL-FM 98.9 3X  
 NY Syracuse WMBW 102.9 1X (not WGTH) FL Tallahassee  
 OR Albany KPHE 107.9 1X WAGM 96.9 rock, Al Opp  
 OR Corvallis KFAC 108.1 1X WAGM-FM 102.3kr  
 WA Clariston KCLK-FM 94.1 1X (electrify)  
 WI Ladysham WWIB 103.7 paging (1P): their engineer  
 called and was quite interested I could pick it up)  
 WI Milwaukee WQFM 83.3 1X (channel)  
 WI Rensselaer WRBF-FM 104.9 1X, "FM-105" on main  
 ON Toronto CKFM 98.0 from background music to 1X  
 (alphabetic data for a wide variety of customers)  
 FORMATS/NETWORKS AL Prattville WQIM 99.1  
 CA Berkeley KSIX 102.8 2X (Sheridan) was E  
 CA Palm Springs K249A 97.7 beautiful music.  
 KDES-FM 104.7 KRQ (not LY), (not),  
 SCA 1 music, "105-FM" CA San Jose KEZR 105.5  
 CA Redlands KCAL-FM 96.7 pr GA Cairo WRD 92.1 2X  
 CA Riverside KGGI 99.1 (not pr), + Redlands 98.9 1X  
 CA Tracy KWGF 100.9 rock (soft), T (The Source)  
 ON Lakeshore KPPL 107.5 no network (Lentis Beach

JC Washington WAMU 88.5 (AP Audio), P Jive Net  
 KR NHara Bend WJNY 94.3, not b (I)and KRGR  
 LA Denison KDSI 95.7 (I)country, FM 96.5 AB  
 LA Sioux City KGLI 95.1 (WAS AP Audio), S (I)we  
 LA Manhattan KMKF 10.71 Mutual (Lifestyle), (E)  
 LA Lafayette KRVS 88.7 P – National Public Radio  
 MA Brookline WBNS 92.8 to country (K)MI Three Rivers  
 MI Frankfort WBZN-FM 99.3, r, KR 1WLK-FM, r  
 MI Gary WWRM 106.7 oldies, Warm-107 "Rock 96"  
 MI Hart WXYT 105.3 p  
 MI Ironwood WUPU 106.3 K ABC Rock-(from I)  
 MI Detroit WDET \*101.9 all jazz, TX Odessa KUFO 87.8  
 MI Lansing WLS-FM 101.7p, FL Tampa WFTS 89.3 r  
 MI Mount Clemens WLSB 102.7, "Detroit's New Music"  
 MI Petoskey WBNB-FM 96.3 (I)country, b, I'FL Pensacola  
 MI Anola TVMN 107.5 UPI Audio (W)TX, FL 105.1 K (z)  
 MI Herring Falls KBRF-FM 103.3, no network, FM-103  
 MI Fiberg TWSB 93.9 (+96.7 xtrs), no AP Audio  
 MI Luvorne KDAU-FM 100.9 (to go to 101.1), r, not b  
 MI Mankato KMSU 88.7 P (NPR)  
 KYSM-FM 103.5 Mutual (from N), FM-103  
 ON Owatonna KRFO-FM 104.9 UPI Audio  
 ON Seab Rapids WHMH 101.7 The Source, no nonID  
 ON Soudan KWKS 105.9 rock, I, NZ Cozad KOOC

NY Berlin WXLO 103.7 FM, NBC 104.5 SIX (telephone)  
 NY New York WPLJ 95.5 r (not rpt) 1 try, rm, KC-105 (telephone)  
 NY Syracuse WCNY-FM \*91.3 all classical strc, 6am-11pm  
 NC Asheville WCEC 90.1 news and talk, AP, Audiobroadcast  
 NJ Clive and Heights WRDC 92.3 all rock FL, ADP anti-bias  
 OR Lake Oswego KMKJ 106.7 no network WFFV 104.5  
 OR Portland KXL-FM 95.5 no network, KUPL-FM 98.5 no  
 network KJLB 99.5 ABC-Entertainment \*Rock-105

GA Donalsonville WGMK 106.3 r, K-106. Quincy FL WWSO  
102.3 s, Q-102. AL Atmore WSKR 104.1 k, still 29000 watts  
AL Ozark WOB 103.9 r, J-103. IN Ft. Wayne WYKE

KQFM 100.3 no network	103.9 104 X-K-E	p. 67
KNHI 101.5 fr	(align)	p. 77
OR THUNDER CJSD 104.5 AP Audio (S)	W Milwaukee	p. 88
S. Williamsport WMMT-FM 89.3 rock	86 WZUW	p. 86
Foxy-96.7 (y applies for new call letters)	95.7 R	p. 83
PA State College WKLR 103.1 rock, still/NBC	(was T)	p. 94
SC Hones Path WR1X 103.1 rock (not rk)		p. 84
PA Sunbury WKXP 94.1 rock	(network, US-101	p. 95
TN Cleveland WUSY 100.7 k (from r), no more S		p. 94
TX Conroe KJOJ 106.9 k	IL PIANTE WPOK	CP
TX Lata Jackson KGOJ 107.5 fr	-FM 103.1 Stereo	CP
TX Tampa KPLE 104.9 k	Country 103	CP
WI Mantwaove WKKB 92.1 U (from St)		CP
SN Sarnes CJFI 89.9 m	IL Elgin WJKL	CP
ON Thunder Bay CJSD 94.3 m	94.3 J-K L-94	CP
SLOGANS /noids	IN Terre Haute	
AL Brewton WKNU 106.3 KNU	WMPR 102.7	p. 101
CA Newport Beach KQPS 103.1 K-Surf	PFR-FM 10.7	p. 108
CA Palm Springs KPSI-FM 100.9	Arb	p. 110
	MI Ann Arbor WDB	p. 114

CT Bridgeport WEDN 98.9 100-FM  
 FL Lakeland WCIE 91.1 CIE FM 100.1 KCI  
 FL Orlando WUCF 90.9 8.8-FM 100.5 KCI  
 WHOO-FM 96.5 Who-FM IN Hammond  
 FL Tampa WFLA 70.7 W-101  
 FL Winter Haven WPCV 87.5 PCV  
 GA Atlanta WDSB-FM 96.5 New 98  
 GA Hinesville WBLU 10.2 Blue-92  
 IN Columbus WWVY 104.9 FM-105  
 KY Owensboro WSTO 86.1 96.5-FM  
 MI Bay City WHRN 96.1 Win-96  
 MI Saginaw WKCO 98.1 KCO  
 MI Traverse City WMZK 92.1 Muzik-82, rock  
 MN Duluth WAKY 98.9 95-Wax (Not Wax-98)  
 MS Moss Point WKYK 104.9 Y-105  
 NJ Jersey City WJTV 92.1 TVX (E) Fox of the

NJ Point Pleasant WADU 95.9 FM-96	KYSR 97.5	caul,
NJ Woodbridge WNNR 100.7 Stereo-1	Kiss Radio	casts,
NM Albuquerque KFMD 107.9 Rock-108		myself
NC Roanoke Rapids WFTM 102.3 FM-102		(see p. 9)
ND Belcourt KEYA 88.5 Koe-Ya	UT Salt Lake	no call
ND Fargo WDAY-FM 93.7 Y-94, Rock	City KLCY	local
OH Cincinnati WUBE 105.1 UBE	94.1 Classy-	XHB.95
OH Hamilton WSKS 96.5 96-Rock	94	noted
OK Clinton KKCC-FM 106.9 The Fox	FL Port St. Joe	a 82%
PA Pittsburgh WAKO-FM 106.9 FM-107 WBS 95.5		"column"
PA Williamsport WMSB 102.7 Super K 102.7	FL Titus-	By loca-
(reflecting a trend toward exact use of station sig-		located
nificances, since so many towers are digital)	WAJX	(1966 S-
TN Knoxville WIMZ-FM 103.5 104-IMZ	96.3 98-	SK or
TN Milan WKBJ-FM 92.3 FM-92	FM, along	SB or
TX Amarillo KMML 98.9 Country Fever 98-71 with		COL-
TX Bullinger KRUM-FM 103.1 K-103	call test	ABB-
TX Dallas DMRN 95.3 Stereo-95.3	G-to	COL-
TX Quanah KIXC 100.9 Kix-100	X-to XHLG Leon	prog-
TX Wanehe KIXC 100.9 Kix-100	93.3 LG-FM, or "E"	music,
MB Winthrop CHMM 97.5 97-FM	"Ebay Etre Erme"	rock-
OH Kitchener CFCA 106.3 FM-106	Cosh, XHTD	crack-
Jal. XHGY Guadalupe 90.7 Progress 104.3 Ciudad		son's
Mic. XHZN Zamora 92.1 Radio Fabulosa	Juarez E-	onal B-
	terfame	

p. 19 WCDB \*90.9 Albany NY should be in large type. VT St Albans 102.3 WLFE, not WWSR  
p. 22 WTGP Greenville PA \*88.1 (not 88.3)  
p. 24 Institute WV \*90.9 not on map [type  
p. 45 KOJC \*89.7 Cedar Rapids should be in large/  
p. 62 KQRR r Kalispell MT 94.3 (not 92.3)

p. 67 CB8F-11 Asbestos PQ 96.1 (not 90.1)  
p. 77 K8B1-FM 98.3 Abilene KS missing m,  
8, 33 miles  
p. 86 WKAC Canton Pa 100.1 (not 102.3)  
p. 93 KD at Calgary 105.1 CKRY calls missing  
p. 94 BC Port Clements 102.9 CBYB,  
not CBYD; also p. 120.  
p. 94 ON at Tawapuskait 90.1 1 w, missing  
p. 95 ON at Gamsburgh 104.5 C8QN, not  
CKCU  
PQ Port Daniel E 100.5 CBVF missing  
PQ Quebec CITF 107.5, not 107.3  
PQ Marsoui 89.3, not 89.9  
PQ Val Morin m 104.9 CIME-1  
entry missing  
p. 101 90.5 NF Port Saunders CBNJ (calls  
missing); also p. 94 [also p. 95.  
p. 108 94.3 PQ Gros-Pierre mispelled; /  
p. 114 KYXK (not KYXX) 98.3 Palestine  
TX. ON Owen Sound C8CB is 69.5  
p. 118 PQ New Carleton CBYN, not New  
Carleton  
p. 119 101.7 PQ Havre St. Pierre 50 w,  
CFMI relay, entry missing  
p. 121 103.3 PQ Nouveau Comptoir C8FW,  
new C8FW [106 w  
103.5 SA Buffalo Narrows 405 w, not/

**BACK ON AIR**  
KS Lyons KLFQ 106.1 \$, m, no network—presumably includes Ellsworth and Great Bend translators, but no IDs heard for the translators.

X7AM7 84.1 Leon Gto "31.1 Leon & 101.7 Guanajuato." Received XHBNO Guanajuato on 101.5 on AT-VOM.  
XHNH 93.5 Irapuato? Disco music, "XHNH stereo 95" (XHNH listed 95.1—could this be a translator?)  
XHNYY 95.1 Irapuato? "Stereo 95"  
Above heard by Jim Pizzi and translated by a friend of his with a good knowledge of the Spanish language. Jim muses,

could XHBN and XHNY have swapped calls, or is 93.5 a translator? I doubt that myself. 91.1 not sure at all on calls. 105.3 (see p. 1) not city mentioned and 104.1 not calls given. 91.1 a puzzle too as I have a local, KLEA 101.7, and received XHBN on 101.5... also wonder about 91.5 with a Leon restaurant ad. "Drop Jim a note at PO Box 1778, Lovington NM 82650, and hell's with readers of this column who you might know about these. "FM Es has been outstanding this summer. . . By the way where is Bellegrade SK located? My Hammond World Adm (1966) p. 95 shows it in SE SK, about 8 km SW of Antler, or 8 km SE of Frys, or 58 km NNW of the border of MB,

**COLUMN—SAVE FOR FUTURE USE**  
Program formats: b beautiful-background music, c classical, e ethnic, g gospel, j jazz, k country, l or L is Latin/Spanish, m middle of the road, n news, p progressive, r rock including easy rock and top hits, s soul, t talk. Network: A ABC-FM, B National Broadcasting System, C Columbia Broadcasting System, D Decca, E EMI, G Gospel, G Entertainment, I ABC Information, K ABC Rock, M Mutual, N National Broadcasting Co., O CBS Radio/Rock, P National Public Radio, R RKO 1 & 2, S Associated Press, T NBC's The Source, U United Press Audio, Y ABC Contemporary, Z Sheridan. SCA (1): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. G gospel, L music, M musical, N news, P progressive, R rock, S soul, T talk, Y contemporary, Z zany.

## READERS' REPORTS AND FM INDUSTRY NEWS

You'll note the list of abbreviations on the previous page under SCA only lists under +F farm news, and not financial news. That's because Dow Jones Radio was to have ceased operations July 31. I will not consider that a reality, until I have official word that the stations with it have stopped the service. Rumors to the effect that Physicians Radio Network would quit proved unfounded, so it is possible that a last-minute reprieve could save Dow Jones financial data on SCA. Dow Jones is said to be going back to a telephone hook-up to its customers. This is one item in an article sent me by a reader on "pay radio" that needs updating. Other forms of "pay radio" mentioned were cable audio hookups and the Physicians Radio Network. John Ebeling showed me a discarded PRN radio, which had a meter on the back to record the number of hours it played, presumably charging the doctor for actual use, besides subjecting the doctors to barrages of commercials for drug products.

A CA FM station engineer reminds that Class C FMs are not allowed in southern CA, except for grandfathered allocations like KDUO in Riverside. And he said that 10-watt translators/boosters are not permitted there, which I question. I believe the only stated restriction is to 10 watt xtrs east of the Mississippi River, and that 10-watt translators are legal in So. CA.

Walter Patton said the CRTC is calling for proposals for the "care and feeding of SCMO (SCA)." He also, in addition to supplying much of the Canadian news on the preceding two pages, says: "The CRTC has ruled that the newly allowed American TV channels available on CANCOM will only in extraordinary circumstances be allowed to be transmitted over the air. The result has been that several applicants for broadcast STV distribution, many of whom also rebroadcast some FM CANCOM services, have changed their applications so that they be allowed a cable operation. This will probably mean fewer of those [FM] grants for rebroadcasters for which no data is published in the Canada Gazette and perhaps even the disappearance of some already allowed. The CANCOM distributors have been finding less support than they had expected. (In many cases the service they provide costs three or four times as much as that of conventional cable service) The CRTC has approved 450 applications in the past two years to supply CANCOM programming to 850 communities (both cable and over the air) but as of April 30, only 75 systems were in operation serving 125 communities.

"The Commission will not allow all-religion broadcast stations especially those espousing a single view. Instead, they will allow a cable-TV network to be owned by a third party and offering access to any religious group wishing time. Solicitations for money could be made only to cover broadcast costs." Presumably, this would apply to FM radio, too.

From south Florida, Ken Simon writes that WWOG \*88.1 Boca Raton is not on yet, and W272AB West Palm Beach continues off the air, because of its proximity to WHLG 102.3 Jensen Beach, 48 km away. "Will have to work at [hearing] ZNS-FM 107.1 Nassau, Bahamas, before WVSI-FM Jupiter FL moves from 96.7 to 107.1." He also logged \*92.1 Belize, ID as "FM93." "How about listing call letters alphabetically?"

Phil Boersma rejoined the WTFDA, and clarifies my comment about WFUR-FM Grand Rapids MI's directionality. WFUR-FM's directional null is toward Muskegon, with the expressed purpose of preventing 1 mw/m overlap with WABM—FCC ownership rules prohibit 1 mw/m overlap between co-owned stations (actually, it is over the studios of each other's stations; there can be overlap—B. E.). WFUR-FM would love to send more signal this way, if they could. No Grand Rapids station nulls towards Lake Michigan to prevent "signal wastage," as no GR station's 1 mw/m contour makes it to Lake Michigan (except for WJFM's). GR stations want to cover such areas as Grand Haven and Muskegon with as much signal as possible. On the other hand, directional signals for WMUS-FM 106.9 (now on with 50 kw h & v, 480') and WQWQ 104.5 in Muskegon might be a good idea—both stations

waste half of their signal area over the lake. . . WABM [Muskegon Heights MI, 101.7], my current employer, hasn't showed up in the Arbitron since it switched to beautiful music from religion (as WKJR-FM); this includes the latest spring 1983 Arbitron. Privately, I wonder how much longer WABM's owners will put up with this, although they have not yet indicated any desire to change format (again) or sell. No further info on the status of the 98.3 North Muskegon station. . . I also wonder what happened to the 107.7 Portage (MI) CP—was rumored to be an album rocker, but this was LAST summer, and nothing heard about them since. WGVC-FM \*88.5 Allendale MI back on the air, but still at 10 watts, as legal and other problems have held up the power and antenna height increase. WJBL 94.5 Holland MI has been sold, subject to FCC approval, with religious format to be transferred to AM (WWJQ 1260), and a new-as-yet undisclosed format to be put on the FM.

From Bob Baker, Humboldt IA: KCRB \*88.5 MPR in Bemidji MN on air, picking up their signal from (apparently) KCCM \*91.1 in Moorhead. The weather has been wild, resulting in loss of programming between KSJR and KCCM and sometimes between KCCM and KCRB. Most station IDs are for KCRB only, although at times a joint KCRB and KCCM announcement comes from the Moorhead studio. Bob also sent a copy of a letter to MPR stating hearing WOI-FM over KCRB, the Ames station apparently coming over the KSJR \*90.1 Collegeville MN pick up after KSJR signed off. Recently MN public radio stations went 24 hours, except weekend mornings, and the SCA talking book service also is going 24 hours, possibly the first in the nation (SCA talking book, that is) to do so.

An article sent by a NC reader attests to FMs popularity in attracting quality air talent. WHTX Pittsburgh lost its morning man, Randy Miller to WROQ 95.1 Charlotte NC, and he was one of 35 applicants for the job. Stan Kaplan, president of the station said. Kaplan's wife, Sis, is heading up the National Radio Broadcasters Association, formerly NAFMB.

**WOMR**  
14 Center Street  
P.O. Box 82  
Provincetown, MA 02657

Ernie Cooper's been sending me FM station logos, including the nice one reproduced here. He's having a "whole of a good time doing two shows on WOMR, 'Ernest in WOMR-Land' and 'Forward-March!' heard each Saturday morning from 10 am to noon ELT." He's trying to get in touch with the hosts of similar shows, and knows of only two others—on WLRH 89.3 Huntsville AL and WGT5 \*91.9 Takoma Park MD. I hear march music each weekday afternoon, 2-2:15 pm on KTFX 103.3 Sioux City, very ineptly produced and announced.

Black music-formatted WVEE-FM 103.3 Atlanta, V-103, is said to be No. 1 in the spring Arbitron ratings, and Nick Lombardi muses that 8 of Atlanta's top 10 stations are FM. He says: "WJYF 104.1 La Grange GA has moved to Corinth, 14 mi. NNE of La Grange, covering Atlanta better than before (46 miles primary radius, 92 miles secondary—ed.). Studios and offices remain in Marietta GA, where they continue to simulcast with daytime-only WYJA(AM). Advertising and PSAs seem strictly geared to the Atlanta area, with nary a mention of La Grange except on the hour (I wonder if WJYF-FM 93.3 Manchester GA will also attempt to 'expand' into Atlanta with their new 1250'). And WABE \*90.1 is having signal problems, despite installing a new transmitter on Stone Mountain. Seems they cannot be heard well throughout the close-in I-285 belt-line, with general manager Van Joyner saying, "We know we have a problem, and somehow we're going to get it solved." In a series of tests, Joyner said, "Consulting engineers flew around Atlanta in a plane full of meters and took all kinds of readings and they could not find the problem." The classical music station is asking listeners (many of whom are faithful patrons) to "keep the faith."

A knife was stabbed into the back of public radio in Wilmington NC, when WECT-TV, channel 6 objected to an NTIA facilities grant for the \*91.3 station application. WECT charged interference, so now the public station's application has been scaled down from 29,500 watts to 1,500 watts. The Wilmington Morning Star: Slashing the station's power means that 115,000 potential listeners will be lost. It also means that the station won't be able to hook up to National Public Radio (if it survives its own financial

crisis—which it will, thanks to a CPB-NPR agreed-to bailout of the troubled public radio system, Ed.) and won't be eligible for any more federal money. But the station has lived to fight another day. The Friends of Public Radio and their supporters have to make up their minds to struggle through the period until power can be increased, more listeners served and programming quality improved. Contributions wouldn't hurt. In the end, this crisis may well strengthen public radio. If the station can survive a sneak attack from WECT, it ought to be able to survive anything.

A similar attack has occurred in Nebraska, with the directors of the Nebraska Broadcasters Association deciding to oppose the NTIA application by KUCV—Union College for four public FM stations, charging sectarian programming by the Seventh-day Adventist licensee. Union wrote and opposed the statement of opposition, and the NE Broadcasters replied that NE does not need public radio, that the commercial broadcasters serve the state well and public radio would take away from the audience for commercial radio. They authorized \$500 in expenses to pay for fighting the application. These are the same arguments the commercial broadcasters have used so effectively for over six years in the NE legislature, thus killing any public radio bills which have been introduced. I wrote in support of Union's applications, noting the reservation that they should be required to preserve and expand the talking book for the blind service, on which their application for federal funds was silent.

In the Detroit area, CJOM Windsor almost switched to a new music format, but the CRTC wouldn't let them hire the Americans they wanted as program director and music director. Now CJOM is an all-hits station like WHYT (both play lots of 'New Music' hits, along with WABX, which also plays some older songs). The newspapers are printing rumors about another FM station joining WJOI 97.1 with a beautiful music format. In the last ratings, WJOI captured 7 percent of the audience. Country WCXI-FM usually gets between one and two percent, and might be the one to switch."

KGIL-FM 94.3 San Fernando CA has recently changed to "Rockin' Easy in the Valley" from their former "big band" sound, which was similar (perhaps simulcast) to their KGIL-AM format. And, Donald J. Fritz, says "as I travel around So. CA and have a chance to monitor other SCA stations, I will update you. Also, please let me know if the WTFDA-TV Station Guide for channel 6 information comes back into print OR if an old, used or Xerox copy becomes available."

Gil Werner, Mid-Coast Radio, applicant for \*90.1 in Kansas City MO with 100 kw, says they signed an agreement with KGSP Parkville MO. Parkville will give up its application for 100 watts on \*90.3, and move to \*92.3 with 10 watts. No agreement was made with KTSR \*90.1 Kansas City, and the time for KTSR to object was passed, so KTSR will have to delete to make way for Mid-Coast's application to be granted. KTSR is reportedly still on the air, but is DOOMED! Verify that one while you can! Another station not protesting is KIEE 100.7 Harrisonville, which is 10.6 MHz away from 90.1, and could result in IF-mixing interference on Kansas City radios. KIEE is in the process of moving its tower to Peculiar MO, and serving the Kansas City market.

Greg Monti sent a clipping saying how a group of WEAM (AM) listeners have protested that Arlington VA station's proposed going to progressive rock, while former WHFS drifts to all-news as WTKS 102.3 Bethesda MD. A group has bought some SCA adapters from me and is exploring the possibility of taking the format to an SCA station, like WPFW \*89.3. I suggested they do this on a pre-emptible basis, so their broadcasting could start immediately, but be "bumped" if a more alluring commercial user should come along. This would give the group and the broadcaster some experience with SCA, and by using tunable SCA devices,

listeners could go easily to another station if the service should switch SCA outlets. Besides, I gave them the name of an FCC contact who might be able to advise them. Greg also sent along an interesting brochure, "An Introduction to Public Broadcasting," explaining the various organizations and their functions. These include the Corporation for Public Broadcasting (CPB), National Association of Public Television Stations (NAPTS), National Federation of Community Broadcasters (NFCB), National Public Radio (NPR), and the Public Broadcasting Service (PBS). Quad has been allowed with the recent SCA deregulation by the FCC, but George Milson checked with WBCN Boston, and they have no immediate plans to try quad again, although "their console equipment is still quad. . . If WICN \*90.5 Worcester has SCA with talking book for the blind, they must have some strange hours for it, or they are having trouble with their SCA signal. I have yet to hear it." Perhaps a reader in the Worcester area can call WICN or tune in frequently to hear if it ever comes on. WKQJ-FM, now WTBX, 93.9 Hibbing MN changed to a new format via SATCOM satellite, rm, devised by consultants Burkart/Abrams, affiliated with WCCO-FM 102.9 Minneapolis. They advertise they are available in Duluth, Superior, Two Harbors and Silver Bay on 96.7 (via translators). Since dropping beautiful music for country, KEEY 102.1 St. Paul (K-102) is making more profits, and doing well against other local country competition, thanks to intensive local promotion and advertising, according to an article sent by John Ebeling.

Gary Swartz, KEEY's general manager, said the station spent \$50,000 on research by a consultant before going to a country format. "We knew there was no future in beautiful music," Swartz said. "Our consultant (The Research Group from Seattle) said we could continue beautiful music but that we'd never grow. Or we could go country. They found a very large hole for FM country. The hole existed, Swartz said, because the two FM country stations in the market did very little promotion and listeners weren't aware that they existed. So KEEY made a large commitment to advertise itself, spending about \$400,000 on TV ads promising 'more music. Less Bull.' The 'Less Bull' part reflects the station's commitment not to run more than eight ads per hour, about half as many as broadcast by some stations. The strategy worked nicely." In Cantonville-Baltimore MD, WQSR 105.7 rumored to be going to beautiful music, but Nick Lemonakis says, "Who knows what will really happen with WQSR? I don't even think the owners and manager know. They've changed formats five thousand times in five years; they're like Baltimore weather—constantly in a state of change." WVNJ-FM's jazz format said to be shifting to 620 AM, but this is not pleasing to fans of such folks as Les Davies, on 8 pm to 6 am.

Contributors last month: Tim A. Beard, Marion IA; Jack Back, Knoxville TN; Michael Brodie, Little Rock AR (who recommends Buddy King's Blues show on KAAV 1090 AM midnight to 3 a.m.); John Clark, Casco ME; Bill Coleman, Jr., Rocky Mount NC; John Ebeling, Bloomington MN; Bob Engel, Duluth MN; Wm. Fair, Palmville OH; Bill Fletcher, Madison WI; Wendell Ford, Knoxville TN; Donald J. Fritz, Downey CA; Paul L. Gaines, Detroit MI; E. H. Isacio, Appleton WI; John M. Jefferson, Pleasanton CA; John M. Lantz, Milwaukee WI; Nick Lombardi, Atlanta GA; Clint McLaughlin, Bellevue WA (who enjoys the up tempo SCA music of KE2X 96.9); Greg Monti, Silver Spring MD; Dave Neman, Akron NY; Peter Nordgren, Rhineclander WI; Jim Pizzi, Lovington NM; Richard Reese, Jersey Shore PA; Patrick Robertson, Portland OR; Mike Reid, Willowsdale ON; David Rogers, Fort Supply OK; Dan J. Sampson, Black River Falls WI; Robt. A. Sloborg, Fountain Valley CA; Andy Smith, Hillsburg CA; Gus Valdez, Jr., Rio Grande City TX; Paul Wardell, Portland OR; Joe Wosik, Henry IL; Thomas J. Yingling, Baltimore MD. WJMI 99.7 Ironwood MI heard in July with play-by-play sports on SCA; first time this SCA heard in about two years!

Now for a plug: My FM Atlas catalog No. 5 (1983) is now ready and includes new SCA products and radios, and the incredible "Sender Adapter" translator that borders on piracy. Write me for a free copy.

# TELEVISION NEWS

Bill Fahber, editor  
336 Atlantic Street  
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## RETROSPECT: BROADCAST REPEATER STATIONS

Before the FCC opened up UHF television channels to television broadcasting, several companies, such as RCA and DuMont, experimented with UHF to study its propagation characteristics. These experiments revealed that greater power would be needed, that signal strength would drop rapidly after a certain distance, and that there would be areas shadowed by intervening terrain within the station's coverage area.

In the early fifties, after UHF television stations came into existence, the expected problems with UHF became reality. As a result, UHF stations couldn't gain parity with VHF, and couldn't become part of an economically sound nationwide television service, and therefore deprived many communities of their first television service and other communities of multiple competing television services. A large number of the earlier UHF construction permits never went on the air, and many of those which did soon shut down.

UHF seemed like it couldn't give television the boost it needed. But other ideas were being developed.

WJTV, channel 25 in Jackson, Mississippi, had trouble covering portions of Vicksburg, only 35 miles away, because of areas being shaded by a ridge of hills. RCA experimented with an amplifying transmitter: a small transmitter operating on the same channel as the main transmitter in Jackson, and dependent on that main transmitter for the generation of carrier frequencies and modulation. This amplifying transmitter would serve only a particular area which was shielded from the main transmitter. The RCA experiment showed no major difficulties in the use of signal amplifiers. Adler Communications Laboratories experimented with a UHF signal amplifier in Waterbury, Connecticut, and Sylvania Electric Products, Inc. experimented with one in Emporium, Pennsylvania. WSM, Inc., experimented with signal boosters in VHF.

The Radio-Electronics-Television Manufacturers Association (RETMMA) established a committee to study the UHF problem. That committee's interim report suggested that amplifying transmitters could be used without interference to normal service rendered by the main station, and without co-channel interference to other stations.

With all these reports favoring the use of amplifying transmitters (which shortly became known as signal boosters), the FCC felt justified in initiating a proposed rule making to authorize use of signal boosters.

Another idea which the FCC came up with was the satellite station, a UHF broadcast station which, instead of originating any local programming, would rebroadcast the programs of an established broadcast station. These

satellite stations otherwise would have to meet all FCC rules pertaining to regular broadcast stations. On August 5, 1954, the FCC adopted a policy permitting UHF stations to operate as satellites, hoping to increase incentive for the construction of new television stations in areas which otherwise might not be able to support them. By not having to originate programming, the satellite station should be more economical to operate. The FCC anticipated that eventually these satellite stations would begin to broadcast some local programming, and perhaps eventually become full-fledged stations.

Although the booster station rulemaking was still pending, a third idea was adopted by the FCC in 1956: the translator, then defined as "a piece of equipment which receives the signals of a television broadcast station and retransmits them on one of the numbered UHF channels between 70 and 83." Translators were limited to the upper fourteen UHF channels in order to reduce the possibility of harmful interference to broadcast stations.

On January 11, 1956, the FCC adopted a temporary set of rules, authorizing translator stations, while at the same time soliciting comments from the television industry and the general public on the adoption of permanent translator rules. While booster stations were still being looked into, translators were immediately established as an auxiliary television service. While boosters were being designed to fill in shadow areas within a broadcast station's coverage area, translators were intended to cover areas beyond the normal range of a television station. Under these temporary rules, translators were limited to the upper fourteen UHF channels, with a maximum of ten watts into the final IF amplifier. (Effective radiated power could be somewhat greater.)

One issue raised by the opponents of translators was that they could have a negative effect on television: although it would provide television service to a community otherwise without service, it could also preclude the possibility of a local television station being built in that community. Also, a translator in a community already having a broadcast station could become a competitive threat to that station's existence.

Although the final rules for translators were adopted on May 23, 1956, it wasn't until April, 1957, that the FCC dealt with the competition issue. The FCC proposed that authorizations of translators be limited to communities and areas in which there is no television broadcast station, and that translators cease operation upon the commencement of operation by an authorized television broadcast station in that community or area. Commenters in favor of that proposal argued that regular television stations in marginal markets cannot compete successfully with community antenna systems and translators.

Those opposed to the FCC's proposed ruling

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argued that all communities, irrespective of size, are entitled to a choice of programs and should not be restricted to a single program service. Rather than draw away potential viewers from a television station, they argued that the addition of a second or third choice would add incentive for more residents to purchase television sets, thus increasing the potential audience. Competition from a translator could also provide an incentive for broadcast stations to improve the quality of their programming.

In August, 1957, the FCC decided not to adopt the proposed ruling. Translators would be permitted to operate within the coverage area of full power broadcast stations.

Meanwhile the issue of booster stations continued to drag. Several parties commenting to the FCC's proposed ruling on boosters advocated the authorization of VHF boosters as well as UHF. But the FCC rejected the idea of VHF boosters. Several unauthorized VHF boosters were studied by the FCC, and were found to be incapable of proper functioning. The refined equipment and technical supervision required for proper operation in the crowded VHF spectrum would make their operation impractical. Also, the problem of shadow areas in VHF is nowhere near as serious as it is in the UHF band. Translators seem to be very capable of correcting the problem of VHF shadow areas by transmitting a signal in the upper UHF band, where they won't produce harmful interference.

Another issue was the extent to which boosters could be used. The FCC's newest proposal, as of June 27, 1957, proposed the use of boosters in shadow areas only within the station's grade A contour.

Governor McNichols of Colorado argued, nevertheless, that VHF boosters are preferable and more adaptable to mountainous regions in the western United States than are translators. Considering his petition to allow VHF boosters, the FCC on July 29, 1957 proposed yet another form of auxiliary service: the Low Power Television Broadcast Repeater Station. This type of station could repeat the programming of a broadcast station on the same channel, or on any other channel, and can operate in any location, shadow or not, within or outside the Grade A contour, as long as it doesn't cause interference to other services and direct reception of television signals from other stations. Power would be limited to one watt input to the final RF amplifier.

Governor McNichols' petition for VHF boosters drew a lot of support from those already operating unauthorized boosters and from communities being served by those illegal boosters, but those supporters objected to the extent at which the FCC demanded protection from interference to other services. Advocates of low power TV repeater stations failed to show evidence that UHF translators wouldn't be superior in performance to low power boosters. The FCC concluded that UHF translators were superior to VHF translators and boosters in signal quality and extent of coverage. TV boosters lost their stability

when amplification is high, and extreme care is needed in their design and installation to prevent improper operation and interference.

The FCC decided to reject Governor McNichols' petition, and refused to authorize VHF translators, VHF boosters, and low power TV repeaters on December 30, 1958.

With the increase of Community Antenna TV systems, translators, satellite stations, and the possibility of VHF boosters and low power TV repeaters, many television broadcasters are getting upset about the adverse impact on existing and potential broadcast television stations, and these fears are being voiced to the FCC.

NEXT MONTH: BROADCASTERS FIGHT BACK AT AUXILIARY TELEVISION SERVICES.

SPANISH INTERNATIONAL COMMUNICATIONS CORP. IS BEING INVESTIGATED BY THE FCC.

In 1980 Spanish International Communications Corp. (SICC) applied for a translator on channel 36 in Denver, Colorado, which would retransmit signals from the Spanish International Network (SIN), received by satellite. On March 20, 1980, Spanish Radio Broadcasters Association (SRBA) filed an objection to the translator, but the FCC granted a construction permit on March 28 despite the objection. The translator was experimental, and given the call letters KAZXEG.

On April 11, SRBA filed an "Application for Review of Action Taken Pursuant to Delegated Authority" (the delegated authority being the Broadcast Bureau). In this application three accusations were raised by SRBA against SICC: (1) that SICC was under alien control, a violation of the Communications Act, (2) that SICC misrepresented facts to the FCC concerning its ownership of earth stations (for satellite pickup), and (3) that SICC violates the FCC's concentration of control policies with regard to its control of Spanish television in the United States.

The FCC has been undergoing an informal investigation of SICC for the past three years and came to the conclusion that two of the accusations were without merit. SICC confirmed that its ownership of earth stations was as stated by showing its operating and financial records. Also, while SICC has heavy influence over foreign producers of Spanish language programs and other Spanish broadcasters are having difficulty obtaining Spanish programming, the FCC could find no evidence that SICC acted specifically to reduce competition in the Spanish marketplace.

But the first accusation still remains: the question of alien control of SICC, and hence the alien control of its five television stations and two other television stations indirectly connected with SICC.

The five stations owned by SICC are KWEX-TV (channel 41, San Antonio, Texas), KMEX-TV (channel 34, Los Angeles), WXTV (channel 41, Paterson, New Jersey), WLTV (channel 23, Miami, Florida), and KFTV (channel 21, Hanford-Fresno, California). Bahia de San Francisco Television Company, a corporation controlled by principals of SICC, owns KFTV, channel 20 in San Francisco. KFTV-TV, channel 33 in



Phoenix, Arizona, owned by Seven Hills Television Company, is also controlled by principals of SICC. SICC also owns translators K42AB (Austin, Texas), K39AB (Bakersfield, California), W61AK (Hartford, Connecticut), W35AB (Philadelphia, Pennsylvania), and K42XBG (channel 36 in Denver). Seven Hills owns K40AC in Tucson, Arizona.

While some of the above stations' licenses have been up for renewal, the FCC is calling on the remaining to apply for license renewal immediately. All of the license renewals will then be grouped together in a consolidated hearing (not the type usually reported in this column, where mutually exclusive applications are involved), and the FCC will then look into the qualifications of SICC, Seven Hills, and Bahia de San Francisco to hold television station or translator licenses.

One question which the FCC will look into is: Are SICC, Baha de San Francisco, and Seven Hills controlled by aliens? According to the FCC, no more than 20% of a station can be owned by foreign individuals or foreign companies. That 20% is owned by Televisa, a Mexican corporation which produces most of Mexico's programs and controls most of Mexico's broadcasting outlets. Reynold V. Anselmo, born of Italian descent, brought SICC into existence, and is now president and 22% owner of SICC. He is also founder, president, and 25% stockholder of SIN National Spanish Television Network, an American network, of which the other 75% is owned by Televisa. The FCC has no control over networks or program distributors, but has indirect control over some of their activities by its control over stations that make contracts with them. SIN (Spanish International Network) is a network with the previously mentioned stations as affiliates, plus about 200 cable television outlets with a service called Galavisión.

The FCC also wants to know about SIN, a network, being permitted by SICC to control local advertising rates, in violation of section of section 73.658(h) of FCC rules. Here's where a sticky situation, and somewhat complicated, comes in. Colgate-Palmolive Company has a subsidiary in Mexico, but has problems down there because the Mexican government does not allow money to be sent out of the country, leaving them unable to transfer their profits. When the company decided to allot \$2 million to Spanish radio advertising in the United States and \$1 million to Spanish television, SIN suggested that if Colgate-Palmolive increase the television budget to \$2.5 million and cut the radio budget, their Mexican subsidiary could pay Televisa with the money trapped in Mexico instead of the company paying SIN. This action deprived other nonaffiliated

Section 73.658(i) normally would prohibit SIN from representing its affiliates in the sale of time to advertisers for non-network hours of programming (again, this being done by regulating the station, not the network). But SICC and Bahia de San Francisco were given waivers to this rule. The FCC quest-

tions whether this waiver is still in the public interest.

#### PHILADELPHIA TELEVISION STATION TO CLOSE DOWN!

At a time when UHF stations are much better off financially than since they began thirty years ago, one big city station is going off the air. Not because of the FCC. Not because of economic problems. It just decided to shut down. WKBS-TV, channel 48 in Philadelphia, Pennsylvania, the fourth largest market area in the United States, is scheduled to pull the plug on August 29, 1983.

WKBS-TV went on the air on September 1, 1965 in the afternoon. (I remember myself watching the test pattern that day, waiting for the first program: one of their announcers dressed in a makeshift space costume introducing the cartoons. WIBF-TV, channel 29, had been on the air for four months already, had no color programs, and carried a very weak signal. WPHL, channel 17, came on two weeks after WKBS, and had a good picture. Up to that year, Philly's only UHF was WUHY, channel 35, rebroadcasting WHYY-TV's daytime classroom programs with a poor signal.) The call letters stood for Kaiser Broadcasting System. It was later sold to Field Communications, which decided to keep the call letters.

Field Communications owned five television stations, as well as the Chicago Sun-Times and several cable properties. The two sole stockholders, Marshall and Frederick Field, decided to sell all of their assets. The other four television stations were sold, but no buyer was found for WKBS-TV. Nobody knows why and the Field brothers aren't talking. Speculation has it that they were asking too high a price. It's been brought out that the market itself is not growing, and the advent of cable TV to Philadelphia will mean more competition. The station lost its only major sports attraction when the 76ers signed up with WPHL-TV. Nor has WKBS-TV been active in signing up the most popular syndicated programs. (and paging thru TV Guides for the logo above, I noticed that the other Philadelphia UHF's have much more advertising.) Field Enterprises says that it can make more money by selling the equipment to other stations, which it has already begun.

The failure of WKBS-TV to compete has been very obvious. It lost the contract to the 76ers because it wouldn't meet their price until after they gave WPHL a verbal commitment and then offered more money. The 76ers also noted that WPHL is doing a lot more promotion of their games than WKBS-TV ever did. As far as bidding for syndicated programs, the only programs they've signed up were the ones that none of the other stations wanted.

There has been one minor issue relating to this story. Pat Farnack, their news reporter, was given a contract for two years a few months ago, at a time when they knew they were going off the air. While she could legally have forced them to remain on the air during the time of her contract, she agreed to a huge sum of money instead.



#### SPOTLIGHT ON NEW STATIONS



KTXH-TV, channel 20 in Houston, Texas, has been on the air for some time now. Station manager Drew Pfeiffer wrote, "Curiously your letter was written on the day of our disastrous tower collapse. Since then we've had far too much to do to respond. But now we're back on the air and doing quite well. Thank you. So I'm taking a few minutes about the information you requested."

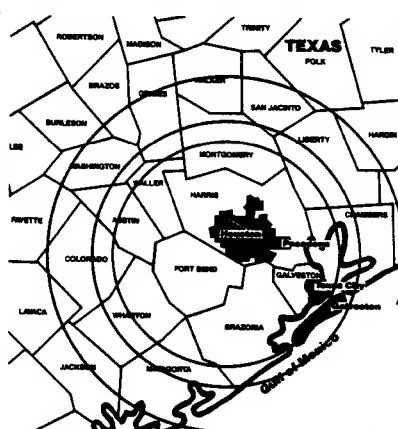
"The station is a UHF independent television station which went on the air November 7th 1982. We are already a force in the market and the South Texas area in general due to our emphasis on great movies and sports (Rockets, Astros, and College sports)."

Although the station has been back on the air for some time, Joe Gragg says from his own observations that KTXH is not yet operating at full power.

The material sent to me from KTXH is all advertiser oriented, comparing its ratings to the other independent stations (KRIV and KHTV) in Arbitron and NSI sources. But if the statistics can be trusted, then KTXH is doing a good job in the Houston market.

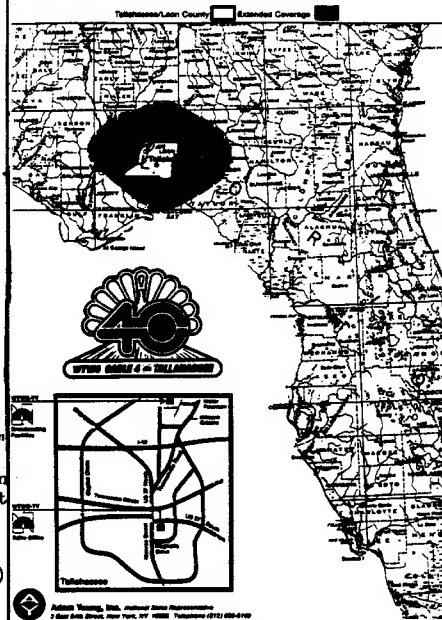


#### 20 KTXH Television Coverage Map



ADI: 1,342,700 total households  
TSA: 1,933,600 total households  
Houston Market Rank: 11

#### Coverage Map WTWC-TV Tallahassee, Florida



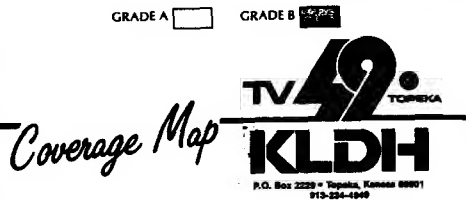
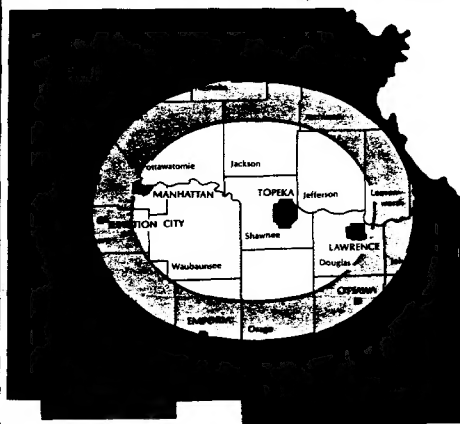
WTWC-TV, channel 40 in Tallahassee, Florida, was scheduled to go on the air back in October, 1982, but problems with their transmitter tower and power transformer caused six months of delays. The balky transformers caused a delay until November, and WTWC-TV was scheduled to go on in January. The Superbowl was scheduled to be broadcast on its first day on the air, but on the day before somebody noticed that the antenna tower was warped, unable to hold the weight of the antenna, which weighs 1.7 tons. The station finally went on the air with a temporary disc antenna, operating with 206 kilowatts instead of the 3400 kilowatts they had planned for. The station is using a borrowed antenna, much lighter, on the temporary tower now being used. Because of the tower problems, the station didn't go on the air until April 12, 1983. They are looking into the prospect of another tower, which will cost about \$300,000. The station suffered a major financial loss because of the tower: The months of February and March are heavy months for network programming. They are seeking the possibility of recouping both the money lost on the first tower, and the loss of ad money during the delay caused by the poorly designed tower.

Because of the weaker signal, reception is poor in southern Georgia and to the east. There is presently no local programming but the station is planning to begin a local news program in the near future. The station is presently operating from 6 a.m. to 2 a.m.

Tallahassee, the capital city of Florida, is 127th in the ADI television markets (area of dominant influence), and growing: as much as 42% from 1970 to 1980. This growth record is part of the reason the other television stations in Tallahassee were looking forward to another station moving in the area. Jim Matthews, manager of WECA-TV, channel 27, said, "Competition is always healthy," feeling that channel 40 will help UHF TV signals become more acceptable. "Sure, there's more competition for ad dollars, but this market is growing at the same proportion as Florida's and there's room for everyone in the marketplace."

Frank Flynn, manager of WCTV-TV, channel 6, said, "The more stations there are in the market, and the more local programming there is on those stations, makes the community more aware of local broadcasting."

KLDH-TV, channel 49 in Topeka, Kansas, went on the air at 6:55 p.m. CDT on June 19, 1983. KLDH-TV is an ABC affiliate, with some syndicated programs and movies during non-network hours. There is also half hour local news in the evening and at night. The station sent a list of detailed technical information. The transmitter power is 55 kw, has a gain of 18.65 dB, and has an ERP of 3475 kilowatts. The tower is 1439' above ground. Transmitter site is 2300 S.W. West Union Road. Studio is at 101 S.E. Monroe. One press release describes the coverage area as "north to the Nebraska line, south to Emporia, east to Kansas City, and west past Junction City." Mailing address is: KLDH-TV, P.O. Box 2229, Topeka, Kansas, 66601.



P.O. Box 6498 Concord, CA 94524  
(415) 676-8969



Coverage map for KFCB, channel 42, Concord, California.

THIS MAP IS A REPRESENTATION OF THE COVERAGE AREAS FOR CHANNEL 42. THE EXACT ENGINEERING REPORT AND MAPS ARE AVAILABLE IN THE FIRST CENTURY BROADCASTING PUBLIC FILE.

## APPLICATIONS FOR NEW TELEVISION STATIONS

CH	ERP	HAAT	STATE/CITY/APPLICANT
53	530	549	FL High Springs; Christian Channel/Ro-Mar Communications Inc.
53	87.1	341	FL High Springs; Wm. F. Parrish
54	1532	956	GA Augusta; Augusta Family Telev.
54	1703	832	GA Augusta; Ro-Mar Communications
54	4517	1121	GA Augusta; Augusta 54 Broadc'g.
54	267	765	GA Augusta; Carolina Christian Broadcasting Company
54	916	1500	GA Augusta; Independent Masters
54	5000	1356	GA Augusta; Orion Broadc'g Co.
54	4982	1584	GA Augusta; Prime Time Television
54	5000	1321	GA Augusta; Southern Media Systems, Inc.
23	803	608	IN Marion; Mississinewa Communications Corporation
69	5754	1098	IA Des Moines; Iowa Television Authority
18	750	540	KA Salina; Haynes Communications
69	52.2	646	KY Paintsville; Hometown Telev'n
44	5000	1965	LA Baton Rouge; Parish Family Television Ltd. Partnership
44	4989	1670	LA Baton Rouge; Spondo Ltd, Inc.
36	4500	257	LA New Iberia; Way of the Cross of Baton Rouge
34	5000	1928	MS Magee; Pamela K. Clark
25	1600	1895	MO Jefferson City; New Life Evangelistic Center, Inc.
17	510	948	ND Bismarck; WDAY, Inc.
14	510	2718	ND Minot; WDAY, Inc. (both are proposed satellites of WDAY-TV, Fargo, North Dak.)
50	5000	281	NY Albany; Harold Y. Edwards
26	56.4	902	PR Ponce; Community Educational Group Corporation
23	2884	116	TX San Antonio; Commonwealth Foundation for Public Broadc'g

## APPLICATIONS AMENDED

30	3700	2392	CA San Bernardino; All Nations Christian Broadcasting, Inc.
30	5000	2343	CA (same) Channel 30, Inc.
30	3630	2403	CA (same) Crocker Communications
30	2820	2340	CA (same) Parachurch Consultants
30	3630	2412	CA (same) Television 30, Inc.
30	2820	2340	CA (same) United Minority Broadcasting of San Bernardino
26	3000	153	CO Pueblo; Arapahoe Silent Maj'ty
18	n.c.	461	FL Cocoa; Glorious Church of God in Christ, Inc.
63	1100	298	IL Galesburg; Powell Broadcasting
67	2388	1000	IN Anderson; Indiana Telecasters
21	1000	695	MN Duluth; Stanley G. Emert, Jr.
48	600	293	MS Natchez; HSLA Broadcasting Inc
24	5000	n.c.	SC Charleston; Charleston Community TV Ltd.
13	n.c.	1022	TN Memphis; Micon Media, Inc.
13	n.c.	1829	TN Memphis; River City Broadc'g
14	n.c.	1400	WA Walla Walla; Brotherhood Bc'g

## CONSTRUCTION PERMITS GRANTED

27	274	587	MI Cadillac; Central Mich. Univ.
21	224	340	MI Manistee; Central Mich. Univ.
16	1334	610	MO St. Joseph; St. J. Family Tel
25	1400	184	NM Carlsbad; Citizens Rights
44	5000	1717	TX Waco; Focus Broadc'g of Waco
14	1000	1046	WA Walla Walla; Brotherhood Bc'g
47	1709	200	WI Madison; Center City Broadc'g
38	3120	763	TX Corpus Christi; Coastal Bend Family Television (reversing an earlier decision by ALJ)

43	3373	2209	CA Clovis; North Star Communic's
55	2298	582	OH Akron; Rhema Television Corp.
57	632	307	WI Janesville; Janesville Bc'g
30	5000	529	IA Davenport; Multi-Metro Communications
24	5000	693	UT Ogden; Arapahoe Silent Majority, Inc.
25	2500	1363	MS Gulfport; Four-O Inc.
61	1245	963	DE Wilmington; Delaware Valley Broadcasters, Inc.
48	1300	334	KY Owensboro; Volunteer Communications Society
24	2393	740	TX Odessa; Odessa Family Telev'n
69	4787	1015	FL Hollywood; Whitco Broadcasters
51	3881	628	ME Portland; Comark Television
62	4775	862	MA Lawrence; MFP Inc.
39	691	684	WV Parkersburg; Parkersburg Family Television, Inc.
24	5000	1772	CA Chico; Superior Broadcasting
35	4315	1573	TX Kerryville; Hispanic American Broadcasting of Texas, Inc.
35	826	197	FL Fort Walton Beach; Beacon Broadcasting, Inc.
21	1400	1002	KY Louisville; Word Broadcasting Network, Inc.
26	1091	1115	MN Bemidji; John W. Boler

## APPLICATIONS DISMISSED BY THE FCC

•	Corpus Christi, TX; ch. 38; Christian Children's Network, Inc.
•	Clovis, CA; ch. 43; San Joaquin Television Improvement Corp. (Fresno assignment).
•	Akron, OH; Ch. 55; Akron Telecasting, Inc.; Ohio Telecasting.
•	Janesville, WI; ch. 57; Filmway of Wisc'n.
•	Citrus Heights, CA; ch. 29; Royce International Broadcasting Company
•	Lihue, HI; ch. 3; Arapahoe Silent Majority.
•	Chicago, IL; ch. 26; Telecasting Inc.
•	Bettendorf, IA; ch. 30; Haynes Communications Company.
•	Natchez, MS; ch. 48; Signal America, Inc.; Southern Broadcasting Company.
•	Manchester, NH; ch. 60; Janesville Broadcasting Company.
•	Madison, WI; ch. 47; Madison Family Telev'n.
•	Ponce, PR; ch. 26; Consumer Educational Research & Development Television Center.
•	Biloxi, MS; ch. 25; The Hightower Partnership; Payvision Communications.
•	Odessa, TX; ch. 24; Hispanic Broadcasting Company, Inc.; H. Leonard Todd & Gerald K. Fugit.
•	Wilmington, DE; ch. 61; Ebony Broadcasting Corp.; HHL Broadcasting, Inc.; Sixty One Corporation; Wilmington Broadcasting Company; Wilmington Channel 61 Inc.; Wilmington Communications, Inc.
•	Fresno, CA; ch. 59; Fresno Family Telev'n.
•	San Bernardino, CA; ch. 30; New Century Bc'g.
•	Cape Coral, FL; ch. 36; Powell Broadcasting.
•	Hollywood, FL; ch. 69; Christian Media of Florida, Inc.; Family Television 69, Inc.; Golden East Broadcasters, Inc.
•	Portland, ME; ch. 51; Greater Portland Telecasting, Inc.
•	Middleton, MA; ch. 62; Metrovision, Inc.
•	Salem, MA; ch. 62; Seacoast Broadcasting, Inc. (Middleton assignment)
•	Alvin, TX; ch. 67; Telemedia Broadcasting
•	Parkersburg, WV; ch. 39; Eastern Associated

Services, Inc.  
 • Chico, CA; ch. 24; Far West Broadcasting Company, Inc.  
 • Kerryville, TX; ch. 35; Comanche Broadcasting, Inc.; Tierra Del Sol Broadcasting Corporation.  
 • Fort Walton Beach, FL; ch. 35; Hilton Organizations, Inc.; Miracle Broadcasting, Ltd.  
 • Beaverton, OR; ch. 40; TS-3 Communications  
 • South Charleston, WV; ch. 11; West Virginia Educational Broadcasting Authority.  
 • Silver City, NM; ch. 6; Sara Diaz Warren.  
 • Waco, TX; ch. 44; Latin American Broadcasting Company; Waco Community Media, Inc.  
 • Madison, WI; ch. 47; Channel 47, Inc.; tvUSA/Madison Ltd.

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS  
 8 316 1756 AZ Phoenix; KAET (one reference has this as already on the air, but I have no record of this. Can somebody comment?)  
 10 125 n.c. MN Thief River Falls; KONY  
 12 n.c. 2701 OR Medford; KIDV  
 6 n.c. 907 TX San Angelo; KIDY  
 55 2000 1442 IL Springfield; WRSP-TV (amended)  
 54 741 1021 MI Muskegon; WMKT

CONSTRUCTION PERMIT MODIFICATION GRANTED  
 32 2290 1010 FL New Orleans; WLAE-TV  
 14 5000 996 CO Boulder; KTVJ  
 16 718 482 FL Key West; WTKW  
 39 5000 821 TN Murfreesboro; WFYZ  
 12 n.c. 1397 ND Pembina; KWBA  
 43 156 600 SC Myrtle Beach; WGSE

APPLICATIONS TO CHANGE EXISTING FACILITIES  
 13 n.c. 1131 ND Minot; KXMC-TV  
 22 1550 n.c. NM Las Cruces; KRWG-TV  
 42 1423 456 NC Charlotte; WTVI  
 61 4613 974 TN Chattanooga; WDSI-TV  
 7 316 1030 TX Tyler; KLTW  
 57 1000 1051 OH Lima; WBGU (amended)

CHANGES IN EXISTING FACILITIES GRANTED  
 • KTVU, channel 3, Ottumwa (Iowa)-Kirkville (Missouri), was finally given a construction permit to change its transmitter location after three years of struggle. As it stands, the transmitter is about 33 miles from Ottumwa, which is covered with less than a Grade A signal as it is. There is conflicting data as to the proposed site. The coordinates (40°13'39"N/92°01'05.5"W) put it about 55 miles SSE from Ottumwa and 30 miles east of Kirkville. But the transmitter is described as 1.9 mile North of Kirkville on Hwy 63, which would be possible of the longitude were 92°31'05.5" instead. Either way, Ottumwa will suffer from a weaker signal, especially with a reduced ERP (from 100 kw to 84 kw). Antenna, however, will be higher (1973' AAT/2000' AG/2740' ASL; previous HAAT was 1082').  
 • KXII, channel 12, Ardmore, Oklahoma; granted construction permit to increase ERP from 214 kw to 222 kw. Antenna will be 1777' AAT/1694' AG/2584' ASL, an increase of 756'. Coordinates 34°01'58"N/96°48'00"W, which puts the proposed site 0.60 mile south of present transmitter. Location is described as 5 miles SSW of Madill, whereas present site is 3.8 miles SSW. That sug-

gests a 1.2 mile change, so maybe they're planning on moving the city also. Anyway, the increase of antenna height should help improve reception.

• WCCF-TV, channel 57, Columbia, South Carolina, was granted a construction permit to change ERP to 637 kw max. Unofficial data base has existing ERP at 1000 kw, which would mean a reduction in power. No change in the antenna height.  
 • KOTI, channel 2, Klamath Falls, Oregon, was granted a construction permit to relocate its tower to Mt. Stukel, Klamath Falls, about 13.18 miles SSE from its present location. Coordinates 42°05'48"N/121°37'57"W. 2185' AAT/183' AG/6583' ASL (1034' higher than present). ERP to increase from 13.5 kw to 35.5 kw. Still a fairly weak VHF station, but this should bring about significant increase of signal strength.

• WAIM-TV, channel 40, Anderson, South Carolina, was granted a modification of its construction permit. I suspect that WAIM-TV is still operating on the same power as before the original construction permit, so I will use that in comparison. Antenna is to be relocated to the intersection of County Roads 418 and 50 in Williamston, about 17.51 miles ENE from present site. 1474' AAT/1459' AG/2299' ASL (1132' higher). ERP from 157.6 kw max/110 kw hor. to 2259 kw max. Look for significant increase in signal strength.

• KOBII, channel 5, Medford, Oregon, was granted a construction permit to change to 60.3 kw max. visual (from 60 kw visual); TL to another spot still on King Mountain, about 28 miles northwest of Medford, and only 0.35 mile south of the existing site. 2700' AAT/128' AG/ 5391' ASL (fourteen feet lower). Don't expect any change here.

• KXIX, channel 19, Victoria, Texas, granted construction permit to increase power from 14.8 kw to 153.2 kw max. No change in transmitter site or antenna height. Expect improvement in signal.

• KTSP-TV, channel 10, Phoenix, Arizona, was given construction permit to change to circular polarization (316 kw max/292 kw hor; formerly 316 kw ERP); 307' boost in antenna height (1700' AAT/264' AG/2905' ASL), which should increase coverage area.

• WHKY-TV, channel 14, Hickory, North Carolina, had been given a construction permit some time ago to increase ERP from 8.91 kw to 656.1 kw. The FCC granted WHKY-TV a PTA (Program test authorization) on 7/29/83 to begin operation with 656.1 kw ERP. Should be a very notable increase in signal strength.

CALL LETTER APPLICATIONS: NEW STATIONS

CH C.L. STATE/CITY/APPLICANT  
 36 WIMA-TV OH Toledo; Toledo Telecasting  
 30 WCAY-TV TN Nashville; Television Corp. of Tennessee

61 WDWI DE Wilmington; Delaware Valley Broadcasters

51 WHSI ME Portland; Comark Television  
 30 KDAV IA Davenport; Multi-Metro Communc.  
 30 KOOG-TV UT Ogden; Ogden Television

CALL LETTER APPLICATIONS: CHANGE EXISTING  
 4 KCNC-TV CO Denver; KOA-TV  
 3 KOAB-TV OR Bend; KVDO-TV

CALL LETTERS ASSIGNED: NEW STATIONS

14 WJPT IL Jacksonville; West Central Illinois Educational Telecommunications Corporation.  
 49 WJJA WI Racine; Racine Telecasting Co.  
 64 WART PR Naranjito; Art Broadcasting  
 29 KHFT NM Hobbs; Hobbs Family Television  
 19 WOIO OH Shaker Heights; Channel 19, Inc.  
 49 KLTJ TX Irving; Cela, Inc.  
 38 WEEF VA Roanoke; Vina & Branch, Inc.  
 68 KDDE CA Los Angeles; Black Television Workshop of Los Angeles

66 WSQY-TV NC Forest City; Forest City Television, Inc.

58 WUJA PR Caguas; Community Television of Caguas

46 WCNT PR Cidra; Caribbean Broadcasters

CALL LETTERS ASSIGNED: CHANGE EXISTING

47 WNFT FL Jacksonville; WXAO-TV  
 12 KWCH-TV KS Hutchinson; KTVH  
 40 WAXA SC Anderson; WAIM-TV  
 61 WDSI-TV TN Chattanooga; WRIP-TV  
 26 KINT-TV TX El Paso; KHEB-TV  
 59 WPDG-TV IN Indianapolis; WSMK  
 24 WNPB-TV WV Morgantown; WVVU  
 12 KNDX ND Dickinson; KDIX-TV

CHANGES IN STATION IDENTIFICATION GRANTED

• WMOD, channel 43, Melbourne, Florida, to identify as Melbourne-Orlando.  
 • WNHT, channel 21, Concord, New Hampshire, to identify as Concord-Manchester.  
 • WNTN, channel 9, Evansville, Indiana, to identify as Evansville (IN)-Henderson-Owensboro (KY).

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS

Belleuve, WA: add 33+  
 Spokane, WA: add 34-  
 Dillingham, AK: add \*2s  
 Anchorage, AK: add 5s  
 Redwood Falls, MN: add 43s  
 Jacksonville, TX: add 56s  
 Paris, TX: add 36+, 42+  
 Paris (TX)-Hugo (OK): delete 42+

STATIONS ON THE AIR

• KLRT, channel 16, Little Rock, Arkansas, began operation on June 26, 1983. 2378 kw ERP; 1772' AAT/1266' AG/2220' ASL; coordinates 34°47'57"N/92°29'29"W; TL to Shinnall Mountain, 3 miles west of Little Rock; Address: LRTV Ltd., 11711 W. Markham, Little Rock, AR, 72211. This will probably be an independent station, since Little Rock is already covered by the three networks.

• KLPV-TV, channel 25, Alexandria, Louisiana went on the air July 1, 1983. 2040 kw Max. ERP/692 kw Hor.; 1360' AAT/1325' AG/1519' ASL; coordinates 31°33'56"N/92°32'50"W; TL to 0.6 mile SSE of Route 123, 1.3 miles west of Route 167, near Dry Prong. Address: Louisiana ETV Authority, 2618 Wooddale Blvd., Baton Rouge, Louisiana, 70805. Educational station.

• WXTX, channel 54, Columbus, Georgia, went on the air June 17, 1983. 1000 kw max. ERP;

1140' AAT/1146 AG/1526' ASL; coordinates 32°27'49"N/84°52'37"W; TL to Buena Vista Road, about 0.2 mile west of intersection with Moya Road. Address: Columbus Family Television, Box 12188, Columbus, GA, 31907. Independent station.

• with reference to KFCB, ch. 42 in Concord, California: I found out that they were given a modification of their original construction permit last summer. ERP should be 1288 kw Max. ERP/719.5 kw Hor. antenna height should be 2807' AAT/140' AG/3628' ASL. Other data should be unchanged.

STATION TEMPORARILY OFF THE AIR:

KZLN, channel 60, Harlingen, Texas.

CONSOLIDATED HEARINGS

• Chicago, Illinois; channel 44; Video 44 (for renewal of license for WSNS-TV); Monroe Communications Corporation.

• Arcata, California; channel 23; The Mad River Broadcasting Company; Women's Broadcasting of Arcata; Pentreed, Ltd.  
 • Scranton, Pennsylvania; channel 64; Local Majority Television; George E. Gunter; Scranton Family Television, Ltd.

• Texarkana, TX; channel 17; Floyd Bell; Fovall Broadcasting Company.

• Bloomington, Indiana; channel 63; George E. Gunter; Hoosier Tele-Media Partnership; Channel 63, Inc.; Bloomington 63 Ltd.

• Johnstown, Pennsylvania; channel 8 (short-spaced VHF drop-in assignment); Laurel Television, Inc.; Group for the Advancement of Television Service, Inc.; Johnstown Family Television, Ltd.; Johnstown Television Company, Inc. Each applicant indicated equivalent protection to WGAL-TV (Lancaster, Pennsylvania) and WJKW-TV (Cleveland, Ohio).

• Brunswick, Georgia; channel 21; Golden East Broadcasters, Inc.; COR Communications, Ltd.; CMM, Inc.

• Watertown, New York; channel 50; Intercounty Communications Corporation; Women's Broadcasting of Watertown.

• Shreveport, Louisiana; channel 33; Media South Broadcasting Corporation; Great Central Communications Company; Ware Communications, Inc. (formerly Seattle Community Television Network); Shreveport Metro Communications 33, Ltd.; Great Southern TV Broadcasting (formerly Drew and Kemmerly; proposes Bossier City as community of license); Godfrey and Associates; Shreveport Television Company.

• Honolulu, Hawaii; channel 5; Family Media, Inc.; Channel 5 Broadcasting Associates; Abell Communications Corporation; Polynesian Services Corporation; Ka'ikena Lani TV Corporation; Media Central, Inc.; TV 5 of Honolulu (Down to Earth, Inc.); Pacific Rim Broadcasting Company; Frederick B. Livingston; Hana Hou Communications Corporation. KIKU-TV, channel 13, raised an informal petition, protesting that economic conditions in Honolulu could not support another television station. Also, one of the applicants brought up the fact that, according to the 1980 Census, the legal boundary of Honolulu covers the entire island of Oahu. Having to cover the entire island with a city grade contour, with the Grade A and B contours



way out somewhere is JAWS country, is rather absurd. The actual legal boundary of Honolulu will have to be determined in this hearing, and a possible waiver of the FCC rules concerning city-grade contour might be considered.

• Green Valley, Arizona; channel 46; Skyline Communications Group; Green Valley Television, Inc.; Alden Communications Corporation; Sungilt Corporation, Inc.

## FORUM

I caught this article in USA Today. Werner Hersog, known for making documentaries, is making one on Rev. W. Eugene Scott, entitled "God's Angry Man." Scott, as you may remember from a few months ago, is the preacher who owns three television stations and one FM radio station, which are going off the air one-by-one because of his fight with the FCC.

Hank Lane sent in an article from the 7/29/83 Boston Globe, which has detailed information on the Boston scene. "...WNDS-TV (Channel 50), a New Hampshire border station goes on the air in late August and WQTV-TV (Channel 68), in Boston, resumes full conventional broadcasting on Labor Day."

"...an Essex County Station, headed by Boston broadcast personality Avi Nelson, makes its debut in the near future. Nelson's investor group, MFP, Inc., was awarded the license (sic) and construction for Channel 62 by the Federal Communications Commission on July 15.

"...there is the prospect of...Channel 46, covering the South Shore, to be in operation perhaps by early 1984. The FCC will hear Ch. 46 petitions from Weymouth-based MidShore Resources and Norwell Broadcasting Co. on Oct. 18. (Chances are, it won't be on until early 1985. After the FCC manages to get through a consolidated hearing and any petitions for reconsideration, it will take about a year from the grant of a construction permit to air date. -wbf)

"Ch. 62 (MFP station above, Lawrence, MA. -wbf) would be advertiser-supported, offering a mixed programming format, including news and public affairs shows.

"In the Boston changeover, Ch. 68, which has been an evening over-the-air pat TV (STV) carrier - for most of its five years on Boston airwaves, returns to all advertiser-supported programming - broadcasting in the clear - on Sept. 5...The new lineup, a 'multimillion dollar package' of syndicated shows...."

"Ch. 50 of Derry, N.H., (WNDS -wbf) an independent outlet scheduled to begin operations Aug. 29, will air a full slate of entertainment, news and public affairs and sports programming daily from 7 a.m. to 1 a.m. Targeted primarily to southern and central New Hampshire, Ch. 50 programming will include a local-national news operation and extensive play-by-play coverage of New Hampshire area sports, primarily collegiate.

"Ch. 50 will transmit a strong signal (1430 kw max? -wbf) from its Hudson, N.H.

antenna into Middlesex and Essex counties in Massachusetts, and it should be picked up in many metropolitan Boston suburbs.

"Ch. 68 has carried the Financial News Network (FNN) reports, 10 a.m. to 4 p.m., as a conventional TV transmission for two years and will continue the business and stock market news service in the future. The WQTV signal will be 'doubled for most viewers' after installation - by helicopter airlift - of a new antenna atop the Pru tower in late August...."

"The new WQTV programming, which may also be seen on all TV sets, replaces the Star over-the-air pay subscription service, which went off the air last February. Star's evening time slot has been devoted to promotional messages for Preview, the Worcester STV service which purchased Star's subscription list."

Nate Ely also noticed the tendency of the press to get things wrong, such as mistaking a construction permit for a license. As Nate states, this first article, from the 8/3/83 Wisconsin State Journal, seems to be covering a consolidated hearing, but does so poorly. It states that a FCC judge ordered that Center City Broadcasting, Inc. and its partner, Channel 47, Inc., should be granted a "license" for a fifth TV station in Madison, Wisconsin, to operate on ch. 47. Actually, there were several applicants, of which the above were two, back in early 1982. These two apparently merged, and the hearing must have resolved in that merger winning over the other applicants. One of the owners stated, "We haven't actually received the license yet." Then he said, "that he doesn't know what type of programming will be offered. (That means syndicated programs, movies, news network, and local sports.) The station will be independent.

Another article from the 8/3 Journal deals with economics. WISC-TV in Madison is trying to gain viewers from Rock County, who seem to be favoring Rockford, Illinois, television stations. Because of that preference, Rock County is in the Rockford DMA (Designated Market Area). Madison's DMA ranks 104th, and if Rock County could be moved to Madison's DMA, it would rise to 88th place, which means Madison stations could charge more for their commercial time. WISC-TV assigned a full-time Rock county reporter, part time photographer, and rented a studio there, but so far hasn't succeeded. Management hopes that the advent of the fifth TV station in Madison might improve the chances of getting Rock County into the Madison DMA. Nate adds, "The interesting thing about the Rock County article is that people in the Janesville area all seem to have fairly big antennas... and have their choice of quite a few stations beside Madison. I haven't really seen a great effort by WISC-3 to nab up the market."

NEXT MONTH: comments from Paul Gaines and Bill Draeb. Big report on DBS and the Geneva Conference. I'm not about to type a tenth page during DX report season.

## QSL CORNER

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## FM QSL

AL	WBHM	90.3	Birmingham, Robert N. Eastman, GM
CT	WKRI	95.1	Brookfield, Ronald J. Tarsi, GM
	WKSS	95.7	Hartford, James Perry, CE
IL	WQCY	99.3	Quincy, T. E. Robey, Prod. Mgr.
IA	KDPS	88.1	Des Moines, Larry Smith, CE
LA	KRMD	101.1	Shreveport, Ray Sumrall, CE
ME	WTOS	105.1	Showegan, Kent Thurston, Oper. Mgr.
	WHCG	88.3	Bangor, Donald C. Fage, Dir.
MA	WOMR	91.9	Provincetown, Ernest Cooper, Treasurer & DJ
	WUMB	91.9	Boston, Bruce Parson, CE
	WHAV	92.5	Haverhill, William A. Goul, Sta. Mgr. (now WLYT)
	WLYN	101.7	Lynn, Stephen Strick, DJ (now WFNK)
	WJTB	96.9	Boston, James K. Howard, Mgr. of Eng.
	WCTP	96.3	Nantucket, John H. Garabedian, Pres.
	WBCN	104.1	Boston, Ed de la Fuente, Asst. CE
	WBIM	91.5	Bridgewater, Peter Quentin George, Asst. Eng.
MO	KLJC	88.5	Kansas City, Darrell Nickolaus, CE
	KMFL	102.9	Marshall, W. M. Williams, GM
NJ	WADB	95.9	Point Pleasant, Kenneth R. Peach, Sta. Mgr.
NY	WCTO	94.3	Smithtown, Richard K. Scholes, Gen. Mgr.
	WBAI	99.5	New York, David Metzger, Pub. Affs. Dir.
	WVIB	107.1	Hampton Bays, Santo "Mo" Curcio, DJ (after five unsuccessful tries)
NC	WHYK	93.7	Elizabeth City, Robert W. Lowery, Ch. Op.
PA	WRTI	90.1	Philadelphia, Vincent C. Thomas, SM
RI	WLKW	101.5	Providence, Dana Puopolo, CE
	WVON	106.3	Woonsocket, Ron DesLauries, CE
VT	WVPR	89.5	Windsor, Jerome A. Erickson, CE
VA	WVDE	101.3	Hampton, J. Ernest Warinner, CE
	WNOR	98.7	Norfolk, Ron Reger, Op. Mgr.
MD	WKYC	105.5	Salisbury, James A. Jester, Owner & CE
KY	WKVC	90.3	Owensboro, Gary R. Drum, Dir. of Tel-Communications
NY	WRKS	98.7	New York, John M. Lyons, CE
IN	WBCL	90.3	Fort Wayne, James Schweickart, GM



**Wmms**  
101-FM



This month main reporter was Ernest Cooper of Provincetown, MA. I saw him at this years' Convention in Dunkirk, NY & he gave me this report. Although I would of like to have an address with report to QSL Corner & with my supplies so low, I could not refuse his report. If any members do have items for reporting, please use address. This month's bumper-stickers are mine. I take them to work & reduce to a more useable size for this column. If any members would like to send in an bumper-sticker with a QSL report item, please do. Also if any member has any real old QSLs in TV & FM earlier days, send in a copy of it, or itself & I will mail it back to you. This may be a new part of this column, as QSL of the Past. OH! the reason I ask for stations mailing address is that stations change so often, and the new company will have new mailing locations. As I should know, I send off this year reports, and already 5 came back with Return to Sender, Undeliverable as Addressed, Unable to Forward. We'll 73's for now.